

December 15, 2006

Zane O'Connor
TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Subject: **CalScience Work Order No.: 06-12-0521**
Client Reference: PEMACO

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/7/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard CalScience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, reading 'Virendra Patel', is enclosed in a hand-drawn oval.

CalScience Environmental
Laboratories, Inc.
Virendra Patel
Project Manager

Case Narrative for 06-12-0521

Sample Condition on Receipt

One aqueous sample and eighteen soil samples were received as part of this Work Order on December 07, 2006. All samples were transferred to the laboratory in an ice-chest following strict chain-of-custody procedures. The temperature (3.0°C) of the samples was measured upon arrival in the laboratory and was within acceptable limits. The samples were logged into the Laboratory Information Management System (LIMS), given laboratory identification numbers, and stored in refrigeration units pending analysis.

Data Summary

The samples included in this report were analyzed in accordance with the attached chain-of custody (COC) record. Data is presented on a wet weight basis.

Holding Times

All holding time requirements were met.

Calibration

Frequency and control criteria for initial and continuing calibration verifications were met.

Blanks

The method blank data showed non-detectable levels, with the exception of trace levels of select constituents. Please see Table A below for details.

Table A: Trace levels present in associated method blanks	
EPA Method 8260B	
Batch #	Analyte(s)
061208L02	Acetone, Benzene, Methylene Chloride, Naphthalene, Toluene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene & p/m-Xylene
061208L04	Benzene, Toluene & p/m-Xylene
061212L01	Hexane

Case Narrative for 06-12-0521

Matrix Spikes

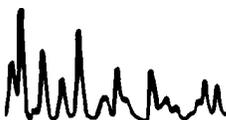
Matrix Spikes (MS) and Matrix Spike Duplicates (MSD) were performed at required frequencies. All recoveries were within acceptable limits.

Laboratory Control Samples

The Laboratory Control Sample (LCS) analyses were performed at the required frequencies. All recoveries were within acceptable limits.

Surrogates

Surrogate recoveries for all samples were within acceptable control limits.

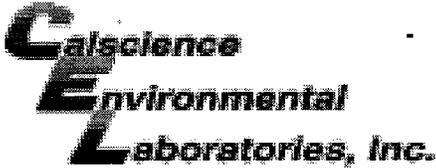


CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
Sample Summary Report

WORK ORDER #: 06-12-0521

QAPP: **0000**

#	Client Sample ID	Matrix	Date Collected	NoC	Comment
1	TMP-5-25	S	12/07/2006	4	
2	TMP-5-30	S	12/07/2006	4	
3	TMP-5-35	S	12/07/2006	4	
4	TMP-5-40	S	12/07/2006	4	
5	TMP-5-45	S	12/07/2006	4	
6	TMP-5-50	S	12/07/2006	4	
7	TMP-5-55	S	12/07/2006	4	
8	TMP-5-60	S	12/07/2006	4	
9	TMP-5-65	S	12/07/2006	4	
10	TMP-5-70	S	12/07/2006	4	
11	TMP-5-75	S	12/07/2006	4	
12	TMP-5-80	S	12/07/2006	12	
13	TMP-5-85	S	12/07/2006	4	
14	TMP-5-90	S	12/07/2006	4	
15	TMP-5-95	S	12/07/2006	4	
16	TMP-5-100	S	12/07/2006	4	
17	EB-12.7.06	W	12/07/2006	3	
18	TMP-5-35X	S	12/07/2006	4	
19	TMP-5-95X	S	12/07/2006	4	



WORK ORDER #: 06 - 1 2 - 0 5 2 1

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: TNA

DATE: 12/7/16

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
3.0 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- °C Temperature blank.
°C IR thermometer.
Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): Cooler: No (Not Intact): Not Present: Initial: [Signature]

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sampler's name, Sample container label(s), Sample container(s) intact, Correct containers and volume, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: [Signature]

COMMENTS:

Blank lines for handwritten comments.

**CALSCIENCE ENVIRONMENTAL
LABORATORIES, INC.**

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 12/7/06
Page 1 of 2

LABORATORY CLIENT: TH Associates, Inc. P.O. NO.:
 ADDRESS: 317 E. Main St. STATE: CA ZIP: 93001
 CITY: Ventura
 TEL: 805-585-6391 E-MAIL: emutkowska@tra-inc.com
 TURNAROUND TIME: SAME DAY 24 HR 48 HR 72 HR 5 DAYS 10 DAYS
 SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
 RWOCB REPORTING FORMS COELT EDF

CLIENT PROJECT NAME / NUMBER: Remaco / 2005083
 PROJECT CONTACT: Zane (805) 431-4566
 SAMPLER(S): (PRINT) Zane O'Connor
 COELT LOG CODE:
 COOLER RECEIPT:
 TEMP = _____ °C

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD POINT NAME (FOR COELT EDF)	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G)	TPH (D) or	BTEX / MTBE (8260B) or	OXYGENATES (8260B)	VOCs (8260B)	5035 ENCORE PREP	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	CAC, T22 METALS (6010B) / 1747	PNAs (8310) or (8270C)	VOCs (TO-14A) or (TO-15)	TPH(G) (TO-3M)
1	TMP-5-25		12/7/06	1330	Soil	4					X								
2	TMP-5-30			1335															
3	TMP-5-35			1340															
4	TMP-5-40			1350															
5	TMP-5-45			1400															
6	TMP-5-50			1405															
7	TMP-5-55			1415															
8	TMP-5-60			1430															
9	TMP-5-65			1440															
10	TMP-5-70			1455															

Relinquished by: (Signature) _____ Date: _____ Time: _____
 Received by: (Signature/Affiliation) [Signature] Date: 12/7/06 Time: 1635
 Relinquished by: (Signature) _____ Date: _____ Time: _____
 Received by: (Signature/Affiliation) [Signature] Date: 12/7/06 Time: 1805
 Relinquished by: (Signature) _____ Date: _____ Time: _____
 Received by: (Signature/Affiliation) _____ Date: _____ Time: _____

DISTRIBUTION: White with final report, Green and Yellow to Client.
 Please note that pages 1 and 2 of our T/CS are printed on the reverse side of the Green and Yellow copies respectively.

Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

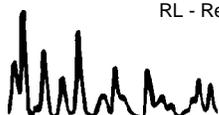
Page 1 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-25	06-12-0521-1	12/07/06	Solid	12/07/06	12/11/06	061211L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	18	44	5.6	0.873	J	2,2-Dichloropropane	ND	4.4	0.40	0.873	
Benzene	1.7	0.9	0.12	0.873		1,1-Dichloropropene	ND	1.7	0.19	0.873	
Bromobenzene	ND	0.87	0.18	0.873		c-1,3-Dichloropropene	ND	0.87	0.16	0.873	
Bromochloromethane	ND	1.7	1.2	0.873		t-1,3-Dichloropropene	ND	1.7	1.7	0.873	
Bromodichloromethane	ND	0.87	0.13	0.873		Ethylbenzene	0.14	0.87	0.14	0.873	J
Bromoform	ND	4.4	0.58	0.873		2-Hexanone	ND	17	4.9	0.873	
Bromomethane	ND	17	1.6	0.873		Isopropylbenzene	ND	0.87	0.10	0.873	
2-Butanone	ND	17	8.3	0.873		p-Isopropyltoluene	ND	0.87	0.10	0.873	
n-Butylbenzene	ND	0.87	0.19	0.873		Methylene Chloride	ND	8.7	4.5	0.873	
sec-Butylbenzene	ND	0.87	0.090	0.873		4-Methyl-2-Pentanone	ND	17	1.8	0.873	
tert-Butylbenzene	ND	0.87	0.11	0.873		Naphthalene	ND	8.7	0.28	0.873	
Carbon Disulfide	0.19	8.70	0.15	0.873	J	n-Propylbenzene	ND	0.87	0.89	0.873	
Carbon Tetrachloride	ND	0.87	0.28	0.873		Styrene	ND	0.87	0.18	0.873	
Chlorobenzene	ND	0.87	0.13	0.873		1,1,1,2-Tetrachloroethane	ND	0.87	0.29	0.873	
Chloroethane	ND	1.7	0.36	0.873		1,1,2,2-Tetrachloroethane	ND	1.7	0.20	0.873	
Chloroform	ND	0.87	0.15	0.873		Tetrachloroethene	0.94	0.87	0.15	0.873	
Chloromethane	ND	17	2.5	0.873		Toluene	0.72	0.87	0.13	0.873	J
2-Chlorotoluene	ND	0.87	0.10	0.873		1,2,3-Trichlorobenzene	ND	1.7	0.18	0.873	
4-Chlorotoluene	ND	0.87	0.091	0.873		1,2,4-Trichlorobenzene	ND	1.7	0.16	0.873	
Dibromochloromethane	ND	1.7	0.17	0.873		1,1,1-Trichloroethane	ND	0.87	0.22	0.873	
1,2-Dibromo-3-Chloropropane	ND	4.4	3.2	0.873		1,1,2-Trichloroethane	ND	0.87	0.21	0.873	
1,2-Dibromoethane	ND	0.87	0.39	0.873		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.7	0.41	0.873	
Dibromomethane	ND	0.87	0.61	0.873		Trichloroethene	80	2	0.16	0.873	
1,2-Dichlorobenzene	ND	0.87	0.11	0.873		Trichlorofluoromethane	ND	8.7	0.14	0.873	
1,3-Dichlorobenzene	ND	0.87	0.14	0.873		1,2,3-Trichloropropane	ND	1.7	0.57	0.873	
1,4-Dichlorobenzene	ND	0.87	0.13	0.873		1,2,4-Trimethylbenzene	ND	1.7	0.10	0.873	
Dichlorodifluoromethane	ND	1.7	0.17	0.873		1,3,5-Trimethylbenzene	ND	1.7	0.086	0.873	
1,1-Dichloroethane	ND	0.87	0.14	0.873		Vinyl Acetate	ND	8.7	6.5	0.873	
1,2-Dichloroethane	ND	0.87	0.15	0.873		Vinyl Chloride	ND	0.87	0.19	0.873	
1,1-Dichloroethene	ND	0.87	0.12	0.873		p/m-Xylene	0.19	1.70	0.18	0.873	J
c-1,2-Dichloroethene	0.92	0.87	0.25	0.873		o-Xylene	ND	0.87	0.10	0.873	
t-1,2-Dichloroethene	ND	0.87	0.22	0.873		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.12	0.873	
1,2-Dichloropropane	ND	0.87	0.23	0.873		Hexane	ND	0.87	0.091	0.873	
1,3-Dichloropropane	ND	0.87	0.15	0.873		Isopropanol	ND	44	20	0.873	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	107	71-137				1,2-Dichloroethane-d4	122	58-160			
1,4-Bromofluorobenzene	100	66-126				Toluene-d8	106	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

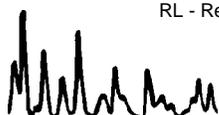
Page 2 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-30	06-12-0521-2	12/07/06	Solid	12/07/06	12/11/06	061211L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	13	43	5.6	0.867	J	2,2-Dichloropropane	ND	4.3	0.40	0.867	
Benzene	0.39	0.87	0.12	0.867	J	1,1-Dichloropropene	ND	1.7	0.19	0.867	
Bromobenzene	ND	0.87	0.18	0.867		c-1,3-Dichloropropene	ND	0.87	0.16	0.867	
Bromochloromethane	ND	1.7	1.2	0.867		t-1,3-Dichloropropene	ND	1.7	1.7	0.867	
Bromodichloromethane	ND	0.87	0.13	0.867		Ethylbenzene	ND	0.87	0.13	0.867	
Bromoform	ND	4.3	0.57	0.867		2-Hexanone	ND	17	4.8	0.867	
Bromomethane	ND	17	1.6	0.867		Isopropylbenzene	ND	0.87	0.10	0.867	
2-Butanone	ND	17	8.3	0.867		p-Isopropyltoluene	ND	0.87	0.10	0.867	
n-Butylbenzene	ND	0.87	0.19	0.867		Methylene Chloride	ND	8.7	4.5	0.867	
sec-Butylbenzene	ND	0.87	0.090	0.867		4-Methyl-2-Pentanone	ND	17	1.8	0.867	
tert-Butylbenzene	ND	0.87	0.11	0.867		Naphthalene	0.83	8.70	0.28	0.867	J
Carbon Disulfide	0.25	8.70	0.15	0.867	J	n-Propylbenzene	ND	0.87	0.89	0.867	
Carbon Tetrachloride	ND	0.87	0.28	0.867		Styrene	ND	0.87	0.18	0.867	
Chlorobenzene	ND	0.87	0.13	0.867		1,1,1,2-Tetrachloroethane	ND	0.87	0.29	0.867	
Chloroethane	ND	1.7	0.36	0.867		1,1,2,2-Tetrachloroethane	ND	1.7	0.20	0.867	
Chloroform	ND	0.87	0.15	0.867		Tetrachloroethene	0.16	0.87	0.15	0.867	J
Chloromethane	ND	17	2.5	0.867		Toluene	0.18	0.87	0.13	0.867	J
2-Chlorotoluene	ND	0.87	0.10	0.867		1,2,3-Trichlorobenzene	ND	1.7	0.18	0.867	
4-Chlorotoluene	ND	0.87	0.090	0.867		1,2,4-Trichlorobenzene	ND	1.7	0.16	0.867	
Dibromochloromethane	ND	1.7	0.17	0.867		1,1,1-Trichloroethane	ND	0.87	0.22	0.867	
1,2-Dibromo-3-Chloropropane	ND	4.3	3.2	0.867		1,1,2-Trichloroethane	ND	0.87	0.21	0.867	
1,2-Dibromoethane	ND	0.87	0.39	0.867		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.7	0.41	0.867	
Dibromomethane	ND	0.87	0.61	0.867		Trichloroethene	53	2	0.16	0.867	
1,2-Dichlorobenzene	ND	0.87	0.11	0.867		Trichlorofluoromethane	ND	8.7	0.14	0.867	
1,3-Dichlorobenzene	ND	0.87	0.14	0.867		1,2,3-Trichloropropane	ND	1.7	0.56	0.867	
1,4-Dichlorobenzene	ND	0.87	0.13	0.867		1,2,4-Trimethylbenzene	ND	1.7	0.10	0.867	
Dichlorodifluoromethane	ND	1.7	0.17	0.867		1,3,5-Trimethylbenzene	ND	1.7	0.086	0.867	
1,1-Dichloroethane	ND	0.87	0.14	0.867		Vinyl Acetate	ND	8.7	6.5	0.867	
1,2-Dichloroethane	ND	0.87	0.15	0.867		Vinyl Chloride	ND	0.87	0.19	0.867	
1,1-Dichloroethene	0.22	0.87	0.12	0.867	J	p/m-Xylene	ND	1.7	0.17	0.867	
c-1,2-Dichloroethene	1.7	0.9	0.24	0.867		o-Xylene	ND	0.87	0.099	0.867	
t-1,2-Dichloroethene	ND	0.87	0.22	0.867		Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.12	0.867	
1,2-Dichloropropane	ND	0.87	0.23	0.867		Hexane	16	1	0.090	0.867	
1,3-Dichloropropane	ND	0.87	0.15	0.867		Isopropanol	ND	43	20	0.867	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	103	71-137				1,2-Dichloroethane-d4	113	58-160			
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	99	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

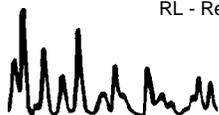
Page 3 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-35	06-12-0521-3	12/07/06	Solid	12/07/06	12/11/06	061211L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	36	45	5.7	0.893	J	2,2-Dichloropropane	ND	4.5	0.41	0.893	
Benzene	17	1	0.12	0.893		1,1-Dichloropropene	ND	1.8	0.20	0.893	
Bromobenzene	ND	0.89	0.19	0.893		c-1,3-Dichloropropene	ND	0.89	0.16	0.893	
Bromochloromethane	ND	1.8	1.2	0.893		t-1,3-Dichloropropene	ND	1.8	1.7	0.893	
Bromodichloromethane	ND	0.89	0.13	0.893		Ethylbenzene	0.79	0.89	0.14	0.893	J
Bromoform	ND	4.5	0.59	0.893		2-Hexanone	ND	18	5.0	0.893	
Bromomethane	ND	18	1.6	0.893		Isopropylbenzene	0.13	0.89	0.11	0.893	J
2-Butanone	9.5	18.0	8.5	0.893	J	p-Isopropyltoluene	ND	0.89	0.10	0.893	
n-Butylbenzene	ND	0.89	0.20	0.893		Methylene Chloride	ND	8.9	4.6	0.893	
sec-Butylbenzene	ND	0.89	0.092	0.893		4-Methyl-2-Pentanone	ND	18	1.8	0.893	
tert-Butylbenzene	ND	0.89	0.11	0.893		Naphthalene	2.1	8.9	0.29	0.893	J
Carbon Disulfide	0.28	8.90	0.16	0.893	J	n-Propylbenzene	ND	0.89	0.91	0.893	
Carbon Tetrachloride	ND	0.89	0.28	0.893		Styrene	ND	0.89	0.18	0.893	
Chlorobenzene	ND	0.89	0.13	0.893		1,1,1,2-Tetrachloroethane	ND	0.89	0.30	0.893	
Chloroethane	ND	1.8	0.37	0.893		1,1,2,2-Tetrachloroethane	ND	1.8	0.21	0.893	
Chloroform	ND	0.89	0.15	0.893		Tetrachloroethene	0.28	0.89	0.15	0.893	J
Chloromethane	ND	18	2.6	0.893		Toluene	7.8	0.9	0.13	0.893	
2-Chlorotoluene	ND	0.89	0.10	0.893		1,2,3-Trichlorobenzene	ND	1.8	0.18	0.893	
4-Chlorotoluene	ND	0.89	0.093	0.893		1,2,4-Trichlorobenzene	ND	1.8	0.16	0.893	
Dibromochloromethane	ND	1.8	0.18	0.893		1,1,1-Trichloroethane	ND	0.89	0.23	0.893	
1,2-Dibromo-3-Chloropropane	ND	4.5	3.3	0.893		1,1,2-Trichloroethane	ND	0.89	0.22	0.893	
1,2-Dibromoethane	ND	0.89	0.40	0.893		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.9	0.42	0.893	
Dibromomethane	ND	0.89	0.63	0.893		Trichloroethene	100	2	0.16	0.893	
1,2-Dichlorobenzene	ND	0.89	0.11	0.893		Trichlorofluoromethane	ND	8.9	0.14	0.893	
1,3-Dichlorobenzene	ND	0.89	0.15	0.893		1,2,3-Trichloropropane	ND	1.8	0.58	0.893	
1,4-Dichlorobenzene	ND	0.89	0.14	0.893		1,2,4-Trimethylbenzene	0.11	1.80	0.10	0.893	J
Dichlorodifluoromethane	ND	1.8	0.17	0.893		1,3,5-Trimethylbenzene	0.13	1.80	0.088	0.893	J
1,1-Dichloroethane	ND	0.89	0.14	0.893		Vinyl Acetate	ND	8.9	6.7	0.893	
1,2-Dichloroethane	ND	0.89	0.15	0.893		Vinyl Chloride	0.38	0.89	0.19	0.893	J
1,1-Dichloroethene	0.42	0.89	0.12	0.893	J	p/m-Xylene	1.5	1.8	0.18	0.893	J
c-1,2-Dichloroethene	4.0	0.9	0.25	0.893		o-Xylene	0.53	0.89	0.10	0.893	J
t-1,2-Dichloroethene	0.24	0.89	0.23	0.893	J	Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.893	
1,2-Dichloropropane	ND	0.89	0.24	0.893		Hexane	15	1	0.093	0.893	
1,3-Dichloropropane	ND	0.89	0.16	0.893		Isopropanol	ND	45	20	0.893	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	103	71-137				1,2-Dichloroethane-d4	114	58-160			
1,4-Bromofluorobenzene	102	66-126				Toluene-d8	103	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

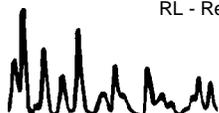
Page 4 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-40	06-12-0521-4	12/07/06	Solid	12/07/06	12/11/06	061211L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	17	54	7.0	1.09	J	2,2-Dichloropropane	ND	5.4	0.50	1.09	
Benzene	1.8	1.1	0.15	1.09		1,1-Dichloropropene	ND	2.2	0.24	1.09	
Bromobenzene	ND	1.1	0.23	1.09		c-1,3-Dichloropropene	ND	1.1	0.20	1.09	
Bromochloromethane	ND	2.2	1.5	1.09		t-1,3-Dichloropropene	ND	2.2	2.1	1.09	
Bromodichloromethane	ND	1.1	0.16	1.09		Ethylbenzene	ND	1.1	0.17	1.09	
Bromoform	ND	5.4	0.72	1.09		2-Hexanone	ND	22	6.1	1.09	
Bromomethane	ND	22	2.0	1.09		Isopropylbenzene	ND	1.1	0.13	1.09	
2-Butanone	ND	22	10	1.09		p-Isopropyltoluene	ND	1.1	0.13	1.09	
n-Butylbenzene	ND	1.1	0.24	1.09		Methylene Chloride	ND	11	5.6	1.09	
sec-Butylbenzene	ND	1.1	0.11	1.09		4-Methyl-2-Pentanone	ND	22	2.2	1.09	
tert-Butylbenzene	ND	1.1	0.13	1.09		Naphthalene	0.39	11.00	0.35	1.09	J
Carbon Disulfide	0.37	11.00	0.19	1.09	J	n-Propylbenzene	ND	1.1	1.1	1.09	
Carbon Tetrachloride	ND	1.1	0.35	1.09		Styrene	ND	1.1	0.22	1.09	
Chlorobenzene	ND	1.1	0.16	1.09		1,1,1,2-Tetrachloroethane	ND	1.1	0.36	1.09	
Chloroethane	ND	2.2	0.45	1.09		1,1,2,2-Tetrachloroethane	ND	2.2	0.25	1.09	
Chloroform	ND	1.1	0.19	1.09		Tetrachloroethene	0.22	1.10	0.18	1.09	J
Chloromethane	ND	22	3.2	1.09		Toluene	0.92	1.10	0.16	1.09	J
2-Chlorotoluene	ND	1.1	0.13	1.09		1,2,3-Trichlorobenzene	ND	2.2	0.22	1.09	
4-Chlorotoluene	ND	1.1	0.11	1.09		1,2,4-Trichlorobenzene	ND	2.2	0.20	1.09	
Dibromochloromethane	ND	2.2	0.22	1.09		1,1,1-Trichloroethane	ND	1.1	0.28	1.09	
1,2-Dibromo-3-Chloropropane	ND	5.4	4.0	1.09		1,1,2-Trichloroethane	ND	1.1	0.26	1.09	
1,2-Dibromoethane	ND	1.1	0.49	1.09		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	0.51	1.09	
Dibromomethane	ND	1.1	0.76	1.09		Trichloroethene	100	2	0.20	1.09	
1,2-Dichlorobenzene	ND	1.1	0.14	1.09		Trichlorofluoromethane	ND	11	0.17	1.09	
1,3-Dichlorobenzene	ND	1.1	0.18	1.09		1,2,3-Trichloropropane	ND	2.2	0.71	1.09	
1,4-Dichlorobenzene	ND	1.1	0.17	1.09		1,2,4-Trimethylbenzene	ND	2.2	0.13	1.09	
Dichlorodifluoromethane	ND	2.2	0.21	1.09		1,3,5-Trimethylbenzene	ND	2.2	0.11	1.09	
1,1-Dichloroethane	ND	1.1	0.17	1.09		Vinyl Acetate	ND	11	8.1	1.09	
1,2-Dichloroethane	ND	1.1	0.19	1.09		Vinyl Chloride	0.36	1.10	0.23	1.09	J
1,1-Dichloroethene	0.37	1.10	0.15	1.09	J	p/m-Xylene	0.33	2.20	0.22	1.09	J
c-1,2-Dichloroethene	3.9	1.1	0.31	1.09		o-Xylene	ND	1.1	0.13	1.09	
t-1,2-Dichloroethene	ND	1.1	0.28	1.09		Methyl-t-Butyl Ether (MTBE)	ND	2.2	0.14	1.09	
1,2-Dichloropropane	ND	1.1	0.29	1.09		Hexane	10	1	0.11	1.09	
1,3-Dichloropropane	ND	1.1	0.19	1.09		Isopropanol	ND	54	25	1.09	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	103	71-137				1,2-Dichloroethane-d4	114	58-160			
1,4-Bromofluorobenzene	99	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

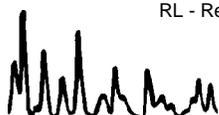
Page 5 of 23

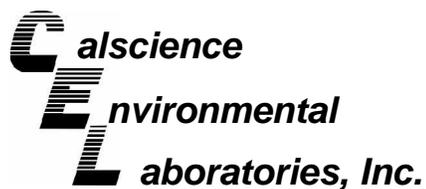
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-45	06-12-0521-5	12/07/06	Solid	12/07/06	12/12/06	061212L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	40	5.2	0.806		2,2-Dichloropropane	ND	4.0	0.37	0.806	
Benzene	0.46	0.81	0.11	0.806	J	1,1-Dichloropropene	ND	1.6	0.18	0.806	
Bromobenzene	ND	0.81	0.17	0.806		c-1,3-Dichloropropene	ND	0.81	0.15	0.806	
Bromochloromethane	ND	1.6	1.1	0.806		t-1,3-Dichloropropene	ND	1.6	1.5	0.806	
Bromodichloromethane	ND	0.81	0.12	0.806		Ethylbenzene	ND	0.81	0.12	0.806	
Bromoform	ND	4.0	0.53	0.806		2-Hexanone	ND	16	4.5	0.806	
Bromomethane	ND	16	1.5	0.806		Isopropylbenzene	ND	0.81	0.096	0.806	
2-Butanone	ND	16	7.7	0.806		p-Isopropyltoluene	ND	0.81	0.093	0.806	
n-Butylbenzene	ND	0.81	0.18	0.806		Methylene Chloride	ND	8.1	4.2	0.806	
sec-Butylbenzene	ND	0.81	0.083	0.806		4-Methyl-2-Pentanone	ND	16	1.6	0.806	
tert-Butylbenzene	ND	0.81	0.099	0.806		Naphthalene	ND	8.1	0.26	0.806	
Carbon Disulfide	0.17	8.10	0.14	0.806	J	n-Propylbenzene	ND	0.81	0.82	0.806	
Carbon Tetrachloride	ND	0.81	0.26	0.806		Styrene	ND	0.81	0.17	0.806	
Chlorobenzene	ND	0.81	0.12	0.806		1,1,1,2-Tetrachloroethane	ND	0.81	0.27	0.806	
Chloroethane	ND	1.6	0.33	0.806		1,1,2,2-Tetrachloroethane	ND	1.6	0.19	0.806	
Chloroform	ND	0.81	0.14	0.806		Tetrachloroethene	0.29	0.81	0.14	0.806	J
Chloromethane	ND	16	2.3	0.806		Toluene	0.28	0.81	0.12	0.806	J
2-Chlorotoluene	ND	0.81	0.094	0.806		1,2,3-Trichlorobenzene	ND	1.6	0.16	0.806	
4-Chlorotoluene	ND	0.81	0.084	0.806		1,2,4-Trichlorobenzene	ND	1.6	0.15	0.806	
Dibromochloromethane	ND	1.6	0.16	0.806		1,1,1-Trichloroethane	ND	0.81	0.20	0.806	
1,2-Dibromo-3-Chloropropane	ND	4.0	3.0	0.806		1,1,2-Trichloroethane	ND	0.81	0.19	0.806	
1,2-Dibromoethane	ND	0.81	0.36	0.806		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.1	0.38	0.806	
Dibromomethane	ND	0.81	0.57	0.806		Trichloroethene	170	2	0.15	0.806	E
1,2-Dichlorobenzene	ND	0.81	0.10	0.806		Trichlorofluoromethane	ND	8.1	0.13	0.806	
1,3-Dichlorobenzene	ND	0.81	0.13	0.806		1,2,3-Trichloropropane	ND	1.6	0.52	0.806	
1,4-Dichlorobenzene	ND	0.81	0.12	0.806		1,2,4-Trimethylbenzene	ND	1.6	0.094	0.806	
Dichlorodifluoromethane	ND	1.6	0.16	0.806		1,3,5-Trimethylbenzene	ND	1.6	0.080	0.806	
1,1-Dichloroethane	ND	0.81	0.13	0.806		Vinyl Acetate	ND	8.1	6.0	0.806	
1,2-Dichloroethane	ND	0.81	0.14	0.806		Vinyl Chloride	0.83	0.81	0.17	0.806	
1,1-Dichloroethene	0.46	0.81	0.11	0.806	J	p/m-Xylene	ND	1.6	0.16	0.806	
c-1,2-Dichloroethene	8.6	0.8	0.23	0.806		o-Xylene	ND	0.81	0.092	0.806	
t-1,2-Dichloroethene	0.86	0.81	0.20	0.806		Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.11	0.806	
1,2-Dichloropropane	ND	0.81	0.21	0.806		Hexane	22	1	0.084	0.806	B
1,3-Dichloropropane	ND	0.81	0.14	0.806		Isopropanol	ND	40	18	0.806	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	103	71-137				1,2-Dichloroethane-d4	116	58-160			
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

Page 6 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-45	06-12-0521-5	12/07/06	Solid	12/07/06	12/09/06	061208L04

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual			
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits	Qual
Trichloroethene	150	110	9.5	52.6				
Dibromofluoromethane	105	71-137			1,2-Dichloroethane-d4	117	58-160	
1,4-Bromofluorobenzene	104	66-126			Toluene-d8	99	87-111	

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

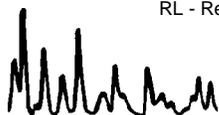
Page 7 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-50	06-12-0521-6	12/07/06	Solid	12/07/06	12/12/06	061212L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	8.9	54.0	6.9	1.07	J	2,2-Dichloropropane	ND	5.4	0.49	1.07	
Benzene	0.15	1.10	0.14	1.07	J	1,1-Dichloropropene	ND	2.1	0.24	1.07	
Bromobenzene	ND	1.1	0.22	1.07		c-1,3-Dichloropropene	ND	1.1	0.20	1.07	
Bromochloromethane	ND	2.1	1.5	1.07		t-1,3-Dichloropropene	ND	2.1	2.0	1.07	
Bromodichloromethane	ND	1.1	0.16	1.07		Ethylbenzene	ND	1.1	0.17	1.07	
Bromoform	ND	5.4	0.71	1.07		2-Hexanone	ND	21	6.0	1.07	
Bromomethane	ND	21	2.0	1.07		Isopropylbenzene	ND	1.1	0.13	1.07	
2-Butanone	ND	21	10	1.07		p-Isopropyltoluene	ND	1.1	0.12	1.07	
n-Butylbenzene	ND	1.1	0.24	1.07		Methylene Chloride	ND	11	5.5	1.07	
sec-Butylbenzene	ND	1.1	0.11	1.07		4-Methyl-2-Pentanone	ND	21	2.2	1.07	
tert-Butylbenzene	ND	1.1	0.13	1.07		Naphthalene	ND	11	0.35	1.07	
Carbon Disulfide	ND	11	0.19	1.07		n-Propylbenzene	ND	1.1	1.1	1.07	
Carbon Tetrachloride	ND	1.1	0.34	1.07		Styrene	ND	1.1	0.22	1.07	
Chlorobenzene	ND	1.1	0.16	1.07		1,1,1,2-Tetrachloroethane	ND	1.1	0.36	1.07	
Chloroethane	ND	2.1	0.44	1.07		1,1,2,2-Tetrachloroethane	ND	2.1	0.25	1.07	
Chloroform	ND	1.1	0.18	1.07		Tetrachloroethene	ND	1.1	0.18	1.07	
Chloromethane	ND	21	3.1	1.07		Toluene	ND	1.1	0.16	1.07	
2-Chlorotoluene	ND	1.1	0.12	1.07		1,2,3-Trichlorobenzene	ND	2.1	0.22	1.07	
4-Chlorotoluene	ND	1.1	0.11	1.07		1,2,4-Trichlorobenzene	ND	2.1	0.20	1.07	
Dibromochloromethane	ND	2.1	0.21	1.07		1,1,1-Trichloroethane	ND	1.1	0.27	1.07	
1,2-Dibromo-3-Chloropropane	ND	5.4	3.9	1.07		1,1,2-Trichloroethane	ND	1.1	0.26	1.07	
1,2-Dibromoethane	ND	1.1	0.48	1.07		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	11	0.50	1.07	
Dibromomethane	ND	1.1	0.75	1.07		Trichloroethene	3.4	2.1	0.19	1.07	
1,2-Dichlorobenzene	ND	1.1	0.14	1.07		Trichlorofluoromethane	ND	11	0.17	1.07	
1,3-Dichlorobenzene	ND	1.1	0.17	1.07		1,2,3-Trichloropropane	ND	2.1	0.70	1.07	
1,4-Dichlorobenzene	ND	1.1	0.16	1.07		1,2,4-Trimethylbenzene	ND	2.1	0.12	1.07	
Dichlorodifluoromethane	ND	2.1	0.21	1.07		1,3,5-Trimethylbenzene	ND	2.1	0.11	1.07	
1,1-Dichloroethane	ND	1.1	0.17	1.07		Vinyl Acetate	ND	11	8.0	1.07	
1,2-Dichloroethane	ND	1.1	0.18	1.07		Vinyl Chloride	ND	1.1	0.23	1.07	
1,1-Dichloroethene	ND	1.1	0.15	1.07		p/m-Xylene	ND	2.1	0.22	1.07	
c-1,2-Dichloroethene	ND	1.1	0.30	1.07		o-Xylene	ND	1.1	0.12	1.07	
t-1,2-Dichloroethene	ND	1.1	0.27	1.07		Methyl-t-Butyl Ether (MTBE)	ND	2.1	0.14	1.07	
1,2-Dichloropropane	ND	1.1	0.28	1.07		Hexane	0.39	1.10	0.11	1.07	J,B
1,3-Dichloropropane	ND	1.1	0.19	1.07		Isopropanol	ND	54	24	1.07	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	104	71-137				1,2-Dichloroethane-d4	118	58-160			
1,4-Bromofluorobenzene	96	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

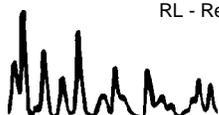
Page 8 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-55	06-12-0521-7	12/07/06	Solid	12/07/06	12/12/06	061212L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	17	51	6.5	1.02	J	2,2-Dichloropropane	ND	5.1	0.47	1.02	
Benzene	1.4	1.0	0.14	1.02		1,1-Dichloropropene	ND	2.0	0.22	1.02	
Bromobenzene	ND	1.0	0.21	1.02		c-1,3-Dichloropropene	ND	1.0	0.19	1.02	
Bromochloromethane	ND	2.0	1.4	1.02		t-1,3-Dichloropropene	ND	2.0	1.9	1.02	
Bromodichloromethane	ND	1.0	0.15	1.02		Ethylbenzene	0.17	1.00	0.16	1.02	J
Bromoform	ND	5.1	0.68	1.02		2-Hexanone	ND	20	5.7	1.02	
Bromomethane	ND	20	1.9	1.02		Isopropylbenzene	ND	1.0	0.12	1.02	
2-Butanone	ND	20	9.7	1.02		p-Isopropyltoluene	ND	1.0	0.12	1.02	
n-Butylbenzene	ND	1.0	0.23	1.02		Methylene Chloride	ND	10	5.3	1.02	
sec-Butylbenzene	ND	1.0	0.11	1.02		4-Methyl-2-Pentanone	ND	20	2.1	1.02	
tert-Butylbenzene	ND	1.0	0.13	1.02		Naphthalene	ND	10	0.33	1.02	
Carbon Disulfide	ND	10	0.18	1.02		n-Propylbenzene	ND	1.0	1.0	1.02	
Carbon Tetrachloride	ND	1.0	0.33	1.02		Styrene	ND	1.0	0.21	1.02	
Chlorobenzene	ND	1.0	0.15	1.02		1,1,1,2-Tetrachloroethane	ND	1.0	0.34	1.02	
Chloroethane	ND	2.0	0.42	1.02		1,1,2,2-Tetrachloroethane	ND	2.0	0.24	1.02	
Chloroform	ND	1.0	0.18	1.02		Tetrachloroethene	0.26	1.00	0.17	1.02	J
Chloromethane	ND	20	3.0	1.02		Toluene	0.49	1.00	0.15	1.02	J
2-Chlorotoluene	ND	1.0	0.12	1.02		1,2,3-Trichlorobenzene	ND	2.0	0.21	1.02	
4-Chlorotoluene	ND	1.0	0.11	1.02		1,2,4-Trichlorobenzene	ND	2.0	0.19	1.02	
Dibromochloromethane	ND	2.0	0.20	1.02		1,1,1-Trichloroethane	ND	1.0	0.26	1.02	
1,2-Dibromo-3-Chloropropane	ND	5.1	3.7	1.02		1,1,2-Trichloroethane	ND	1.0	0.25	1.02	
1,2-Dibromoethane	ND	1.0	0.46	1.02		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.48	1.02	
Dibromomethane	ND	1.0	0.72	1.02		Trichloroethene	200	2	0.18	1.02	
1,2-Dichlorobenzene	ND	1.0	0.13	1.02		Trichlorofluoromethane	ND	10	0.16	1.02	
1,3-Dichlorobenzene	ND	1.0	0.17	1.02		1,2,3-Trichloropropane	ND	2.0	0.66	1.02	
1,4-Dichlorobenzene	ND	1.0	0.16	1.02		1,2,4-Trimethylbenzene	ND	2.0	0.12	1.02	
Dichlorodifluoromethane	ND	2.0	0.20	1.02		1,3,5-Trimethylbenzene	ND	2.0	0.10	1.02	
1,1-Dichloroethane	ND	1.0	0.16	1.02		Vinyl Acetate	ND	10	7.6	1.02	
1,2-Dichloroethane	ND	1.0	0.17	1.02		Vinyl Chloride	0.66	1.00	0.22	1.02	J
1,1-Dichloroethene	0.33	1.00	0.14	1.02	J	p/m-Xylene	0.31	2.00	0.21	1.02	J
c-1,2-Dichloroethene	8.0	1.0	0.29	1.02		o-Xylene	ND	1.0	0.12	1.02	
t-1,2-Dichloroethene	0.49	1.00	0.26	1.02	J	Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.14	1.02	
1,2-Dichloropropane	ND	1.0	0.27	1.02		Hexane	4.3	1.0	0.11	1.02	B
1,3-Dichloropropane	ND	1.0	0.18	1.02		Isopropanol	ND	51	23	1.02	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	104	71-137				1,2-Dichloroethane-d4	120	58-160			
1,4-Bromofluorobenzene	110	66-126				Toluene-d8	105	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

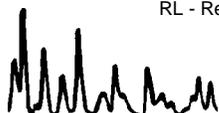
Page 9 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-60	06-12-0521-8	12/07/06	Solid	12/07/06	12/09/06	061208L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2300	290	45.4		2,2-Dichloropropane	ND	230	21	45.4	
Benzene	ND	45	6.1	45.4		1,1-Dichloropropene	ND	91	10	45.4	
Bromobenzene	ND	45	9.5	45.4		c-1,3-Dichloropropene	ND	45	8.3	45.4	
Bromochloromethane	ND	91	63	45.4		t-1,3-Dichloropropene	ND	91	87	45.4	
Bromodichloromethane	ND	45	6.7	45.4		Ethylbenzene	ND	45	7.0	45.4	
Bromoform	ND	230	30	45.4		2-Hexanone	ND	910	250	45.4	
Bromomethane	ND	910	84	45.4		Isopropylbenzene	ND	45	5.4	45.4	
2-Butanone	ND	910	430	45.4		p-Isopropyltoluene	ND	45	5.2	45.4	
n-Butylbenzene	ND	45	10	45.4		Methylene Chloride	340	450	240	45.4	J
sec-Butylbenzene	ND	45	4.7	45.4		4-Methyl-2-Pentanone	ND	910	92	45.4	
tert-Butylbenzene	ND	45	5.6	45.4		Naphthalene	ND	450	15	45.4	
Carbon Disulfide	ND	450	8.0	45.4		n-Propylbenzene	ND	45	46	45.4	
Carbon Tetrachloride	ND	45	14	45.4		Styrene	ND	45	9.3	45.4	
Chlorobenzene	ND	45	6.8	45.4		1,1,1,2-Tetrachloroethane	ND	45	15	45.4	
Chloroethane	ND	91	19	45.4		1,1,2,2-Tetrachloroethane	ND	91	10	45.4	
Chloroform	ND	45	7.8	45.4		Tetrachloroethene	ND	45	7.7	45.4	
Chloromethane	ND	910	130	45.4		Toluene	8.4	45.0	6.8	45.4	J,B
2-Chlorotoluene	ND	45	5.3	45.4		1,2,3-Trichlorobenzene	ND	91	9.3	45.4	
4-Chlorotoluene	ND	45	4.7	45.4		1,2,4-Trichlorobenzene	ND	91	8.3	45.4	
Dibromochloromethane	ND	91	9.1	45.4		1,1,1-Trichloroethane	ND	45	11	45.4	
1,2-Dibromo-3-Chloropropane	ND	230	170	45.4		1,1,2-Trichloroethane	ND	45	11	45.4	
1,2-Dibromoethane	ND	45	20	45.4		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	450	21	45.4	
Dibromomethane	ND	45	32	45.4		Trichloroethene	410	91	8.2	45.4	
1,2-Dichlorobenzene	ND	45	5.8	45.4		Trichlorofluoromethane	ND	450	7.1	45.4	
1,3-Dichlorobenzene	ND	45	7.4	45.4		1,2,3-Trichloropropane	ND	91	30	45.4	
1,4-Dichlorobenzene	ND	45	7.0	45.4		1,2,4-Trimethylbenzene	ND	91	5.3	45.4	
Dichlorodifluoromethane	ND	91	8.8	45.4		1,3,5-Trimethylbenzene	ND	91	4.5	45.4	
1,1-Dichloroethane	ND	45	7.2	45.4		Vinyl Acetate	ND	450	340	45.4	
1,2-Dichloroethane	ND	45	7.7	45.4		Vinyl Chloride	ND	45	9.7	45.4	
1,1-Dichloroethene	ND	45	6.3	45.4		p/m-Xylene	ND	91	9.1	45.4	
c-1,2-Dichloroethene	ND	45	13	45.4		o-Xylene	ND	45	5.2	45.4	
t-1,2-Dichloroethene	ND	45	11	45.4		Methyl-t-Butyl Ether (MTBE)	ND	91	6.0	45.4	
1,2-Dichloropropane	ND	45	12	45.4		Hexane	19	45	4.7	45.4	J
1,3-Dichloropropane	ND	45	8.0	45.4		Isopropanol	ND	2300	1000	45.4	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	99	71-137				1,2-Dichloroethane-d4	121	58-160			
1,4-Bromofluorobenzene	105	66-126				Toluene-d8	99	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

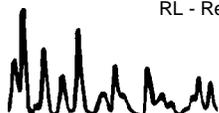
Page 10 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-65	06-12-0521-9	12/07/06	Solid	12/07/06	12/09/06	061208L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2000	250	39.3		2,2-Dichloropropane	ND	200	18	39.3	
Benzene	ND	39	5.3	39.3		1,1-Dichloropropene	ND	79	8.7	39.3	
Bromobenzene	ND	39	8.2	39.3		c-1,3-Dichloropropene	ND	39	7.2	39.3	
Bromochloromethane	ND	79	54	39.3		t-1,3-Dichloropropene	ND	79	75	39.3	
Bromodichloromethane	ND	39	5.8	39.3		Ethylbenzene	ND	39	6.1	39.3	
Bromoform	ND	200	26	39.3		2-Hexanone	ND	790	220	39.3	
Bromomethane	ND	790	73	39.3		Isopropylbenzene	ND	39	4.7	39.3	
2-Butanone	ND	790	380	39.3		p-Isopropyltoluene	ND	39	4.5	39.3	
n-Butylbenzene	ND	39	8.7	39.3		Methylene Chloride	280	390	200	39.3	J
sec-Butylbenzene	ND	39	4.1	39.3		4-Methyl-2-Pentanone	ND	790	80	39.3	
tert-Butylbenzene	ND	39	4.8	39.3		Naphthalene	ND	390	13	39.3	
Carbon Disulfide	ND	390	6.9	39.3		n-Propylbenzene	ND	39	40	39.3	
Carbon Tetrachloride	ND	39	13	39.3		Styrene	ND	39	8.1	39.3	
Chlorobenzene	ND	39	5.9	39.3		1,1,1,2-Tetrachloroethane	ND	39	13	39.3	
Chloroethane	ND	79	16	39.3		1,1,2,2-Tetrachloroethane	ND	79	9.1	39.3	
Chloroform	ND	39	6.8	39.3		Tetrachloroethene	ND	39	6.7	39.3	
Chloromethane	ND	790	110	39.3		Toluene	ND	39	5.9	39.3	
2-Chlorotoluene	ND	39	4.6	39.3		1,2,3-Trichlorobenzene	ND	79	8.0	39.3	
4-Chlorotoluene	ND	39	4.1	39.3		1,2,4-Trichlorobenzene	ND	79	7.2	39.3	
Dibromochloromethane	ND	79	7.8	39.3		1,1,1-Trichloroethane	ND	39	9.9	39.3	
1,2-Dibromo-3-Chloropropane	ND	200	140	39.3		1,1,2-Trichloroethane	ND	39	9.5	39.3	
1,2-Dibromoethane	ND	39	18	39.3		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	390	19	39.3	
Dibromomethane	ND	39	28	39.3		Trichloroethene	1900	79	7.1	39.3	
1,2-Dichlorobenzene	ND	39	5.0	39.3		Trichlorofluoromethane	ND	390	6.2	39.3	
1,3-Dichlorobenzene	ND	39	6.4	39.3		1,2,3-Trichloropropane	ND	79	26	39.3	
1,4-Dichlorobenzene	ND	39	6.1	39.3		1,2,4-Trimethylbenzene	ND	79	4.6	39.3	
Dichlorodifluoromethane	ND	79	7.6	39.3		1,3,5-Trimethylbenzene	ND	79	3.9	39.3	
1,1-Dichloroethane	ND	39	6.2	39.3		Vinyl Acetate	ND	390	290	39.3	
1,2-Dichloroethane	ND	39	6.7	39.3		Vinyl Chloride	ND	39	8.4	39.3	
1,1-Dichloroethene	ND	39	5.5	39.3		p/m-Xylene	ND	79	7.9	39.3	
c-1,2-Dichloroethene	16	39	11	39.3	J	o-Xylene	ND	39	4.5	39.3	
t-1,2-Dichloroethene	ND	39	9.9	39.3		Methyl-t-Butyl Ether (MTBE)	ND	79	5.2	39.3	
1,2-Dichloropropane	ND	39	10	39.3		Hexane	12	39	4.1	39.3	J
1,3-Dichloropropane	ND	39	6.9	39.3		Isopropanol	ND	2000	900	39.3	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	102	71-137				1,2-Dichloroethane-d4	115	58-160			
1,4-Bromofluorobenzene	105	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

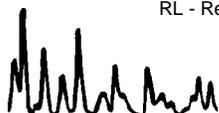
Page 11 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-70	06-12-0521-10	12/07/06	Solid	12/07/06	12/09/06	061208L04

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2400	300	47		2,2-Dichloropropane	ND	240	21	47	
Benzene	ND	47	6.3	47		1,1-Dichloropropene	ND	94	10	47	
Bromobenzene	ND	47	9.8	47		c-1,3-Dichloropropene	ND	47	8.6	47	
Bromochloromethane	ND	94	65	47		t-1,3-Dichloropropene	ND	94	90	47	
Bromodichloromethane	ND	47	6.9	47		Ethylbenzene	ND	47	7.3	47	
Bromoform	ND	240	31	47		2-Hexanone	ND	940	260	47	
Bromomethane	ND	940	87	47		Isopropylbenzene	ND	47	5.6	47	
2-Butanone	ND	940	450	47		p-Isopropyltoluene	ND	47	5.4	47	
n-Butylbenzene	ND	47	10	47		Methylene Chloride	380	470	240	47	J
sec-Butylbenzene	ND	47	4.9	47		4-Methyl-2-Pentanone	ND	940	96	47	
tert-Butylbenzene	ND	47	5.8	47		Naphthalene	ND	470	15	47	
Carbon Disulfide	ND	470	8.2	47		n-Propylbenzene	ND	47	48	47	
Carbon Tetrachloride	ND	47	15	47		Styrene	ND	47	9.7	47	
Chlorobenzene	ND	47	7.0	47		1,1,1,2-Tetrachloroethane	ND	47	16	47	
Chloroethane	ND	94	20	47		1,1,2,2-Tetrachloroethane	ND	94	11	47	
Chloroform	ND	47	8.1	47		Tetrachloroethene	ND	47	8.0	47	
Chloromethane	ND	940	140	47		Toluene	7.7	47.0	7.1	47	J,B
2-Chlorotoluene	ND	47	5.5	47		1,2,3-Trichlorobenzene	ND	94	9.6	47	
4-Chlorotoluene	ND	47	4.9	47		1,2,4-Trichlorobenzene	ND	94	8.6	47	
Dibromochloromethane	ND	94	9.4	47		1,1,1-Trichloroethane	ND	47	12	47	
1,2-Dibromo-3-Chloropropane	ND	240	170	47		1,1,2-Trichloroethane	ND	47	11	47	
1,2-Dibromoethane	ND	47	21	47		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	470	22	47	
Dibromomethane	ND	47	33	47		Trichloroethene	910	94	8.5	47	
1,2-Dichlorobenzene	ND	47	6.0	47		Trichlorofluoromethane	ND	470	7.4	47	
1,3-Dichlorobenzene	ND	47	7.7	47		1,2,3-Trichloropropane	ND	94	31	47	
1,4-Dichlorobenzene	ND	47	7.2	47		1,2,4-Trimethylbenzene	ND	94	5.5	47	
Dichlorodifluoromethane	ND	94	9.1	47		1,3,5-Trimethylbenzene	ND	94	4.6	47	
1,1-Dichloroethane	ND	47	7.5	47		Vinyl Acetate	ND	470	350	47	
1,2-Dichloroethane	ND	47	8.0	47		Vinyl Chloride	ND	47	10	47	
1,1-Dichloroethene	ND	47	6.5	47		p/m-Xylene	ND	94	9.5	47	
c-1,2-Dichloroethene	ND	47	13	47		o-Xylene	ND	47	5.4	47	
t-1,2-Dichloroethene	ND	47	12	47		Methyl-t-Butyl Ether (MTBE)	ND	94	6.2	47	
1,2-Dichloropropane	ND	47	13	47		Hexane	17	47	4.9	47	J
1,3-Dichloropropane	ND	47	8.3	47		Isopropanol	ND	2400	1100	47	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	106	71-137				1,2-Dichloroethane-d4	121	58-160			
1,4-Bromofluorobenzene	103	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

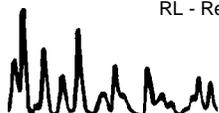
Page 12 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-75	06-12-0521-11	12/07/06	Solid	12/07/06	12/09/06	061208L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2400	310	48.4		2,2-Dichloropropane	ND	240	22	48.4	
Benzene	ND	48	6.5	48.4		1,1-Dichloropropene	ND	97	11	48.4	
Bromobenzene	ND	48	10	48.4		c-1,3-Dichloropropene	ND	48	8.8	48.4	
Bromochloromethane	ND	97	67	48.4		t-1,3-Dichloropropene	ND	97	92	48.4	
Bromodichloromethane	ND	48	7.1	48.4		Ethylbenzene	ND	48	7.5	48.4	
Bromoform	ND	240	32	48.4		2-Hexanone	ND	970	270	48.4	
Bromomethane	ND	970	89	48.4		Isopropylbenzene	ND	48	5.7	48.4	
2-Butanone	ND	970	460	48.4		p-Isopropyltoluene	ND	48	5.6	48.4	
n-Butylbenzene	ND	48	11	48.4		Methylene Chloride	350	480	250	48.4	J
sec-Butylbenzene	ND	48	5.0	48.4		4-Methyl-2-Pentanone	ND	970	98	48.4	
tert-Butylbenzene	ND	48	6.0	48.4		Naphthalene	ND	480	16	48.4	
Carbon Disulfide	ND	480	8.5	48.4		n-Propylbenzene	ND	48	50	48.4	
Carbon Tetrachloride	ND	48	15	48.4		Styrene	ND	48	10	48.4	
Chlorobenzene	ND	48	7.2	48.4		1,1,1,2-Tetrachloroethane	ND	48	16	48.4	
Chloroethane	ND	97	20	48.4		1,1,2,2-Tetrachloroethane	ND	97	11	48.4	
Chloroform	ND	48	8.4	48.4		Tetrachloroethene	ND	48	8.2	48.4	
Chloromethane	ND	970	140	48.4		Toluene	7.8	48.0	7.3	48.4	J,B
2-Chlorotoluene	ND	48	5.6	48.4		1,2,3-Trichlorobenzene	ND	97	9.9	48.4	
4-Chlorotoluene	ND	48	5.0	48.4		1,2,4-Trichlorobenzene	ND	97	8.8	48.4	
Dibromochloromethane	ND	97	9.7	48.4		1,1,1-Trichloroethane	ND	48	12	48.4	
1,2-Dibromo-3-Chloropropane	ND	240	180	48.4		1,1,2-Trichloroethane	ND	48	12	48.4	
1,2-Dibromoethane	ND	48	22	48.4		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	480	23	48.4	
Dibromomethane	ND	48	34	48.4		Trichloroethene	2200	97	8.8	48.4	
1,2-Dichlorobenzene	ND	48	6.2	48.4		Trichlorofluoromethane	ND	480	7.6	48.4	
1,3-Dichlorobenzene	ND	48	7.9	48.4		1,2,3-Trichloropropane	ND	97	31	48.4	
1,4-Dichlorobenzene	ND	48	7.5	48.4		1,2,4-Trimethylbenzene	ND	97	5.6	48.4	
Dichlorodifluoromethane	ND	97	9.3	48.4		1,3,5-Trimethylbenzene	ND	97	4.8	48.4	
1,1-Dichloroethane	ND	48	7.7	48.4		Vinyl Acetate	ND	480	360	48.4	
1,2-Dichloroethane	ND	48	8.2	48.4		Vinyl Chloride	ND	48	10	48.4	
1,1-Dichloroethene	ND	48	6.7	48.4		p/m-Xylene	ND	97	9.8	48.4	
c-1,2-Dichloroethene	ND	48	14	48.4		o-Xylene	ND	48	5.6	48.4	
t-1,2-Dichloroethene	ND	48	12	48.4		Methyl-t-Butyl Ether (MTBE)	ND	97	6.4	48.4	
1,2-Dichloropropane	ND	48	13	48.4		Hexane	15	48	5.0	48.4	J
1,3-Dichloropropane	ND	48	8.5	48.4		Isopropanol	ND	2400	1100	48.4	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	102	71-137				1,2-Dichloroethane-d4	115	58-160			
1,4-Bromofluorobenzene	102	66-126				Toluene-d8	102	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

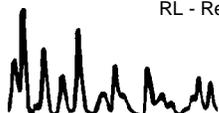
Page 13 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-80	06-12-0521-12	12/07/06	Solid	12/07/06	12/08/06	061208L02

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2000	260	40.6		2,2-Dichloropropane	ND	200	19	40.6	
Benzene	ND	41	5.5	40.6		1,1-Dichloropropene	ND	81	9.0	40.6	
Bromobenzene	ND	41	8.5	40.6		c-1,3-Dichloropropene	ND	41	7.4	40.6	
Bromochloromethane	ND	81	56	40.6		t-1,3-Dichloropropene	ND	81	77	40.6	
Bromodichloromethane	ND	41	6.0	40.6		Ethylbenzene	ND	41	6.3	40.6	
Bromoform	ND	200	27	40.6		2-Hexanone	ND	810	230	40.6	
Bromomethane	ND	810	75	40.6		Isopropylbenzene	ND	41	4.8	40.6	
2-Butanone	ND	810	390	40.6		p-Isopropyltoluene	ND	41	4.7	40.6	
n-Butylbenzene	ND	41	9.0	40.6		Methylene Chloride	300	410	210	40.6	J
sec-Butylbenzene	ND	41	4.2	40.6		4-Methyl-2-Pentanone	ND	810	83	40.6	
tert-Butylbenzene	ND	41	5.0	40.6		Naphthalene	ND	410	13	40.6	
Carbon Disulfide	ND	410	7.1	40.6		n-Propylbenzene	ND	41	42	40.6	
Carbon Tetrachloride	ND	41	13	40.6		Styrene	ND	41	8.4	40.6	
Chlorobenzene	ND	41	6.1	40.6		1,1,1,2-Tetrachloroethane	ND	41	14	40.6	
Chloroethane	ND	81	17	40.6		1,1,2,2-Tetrachloroethane	ND	81	9.4	40.6	
Chloroform	ND	41	7.0	40.6		Tetrachloroethene	ND	41	6.9	40.6	
Chloromethane	ND	810	120	40.6		Toluene	7.8	41.0	6.1	40.6	J
2-Chlorotoluene	ND	41	4.7	40.6		1,2,3-Trichlorobenzene	ND	81	8.3	40.6	
4-Chlorotoluene	ND	41	4.2	40.6		1,2,4-Trichlorobenzene	ND	81	7.4	40.6	
Dibromochloromethane	ND	81	8.1	40.6		1,1,1-Trichloroethane	ND	41	10	40.6	
1,2-Dibromo-3-Chloropropane	ND	200	150	40.6		1,1,2-Trichloroethane	ND	41	9.8	40.6	
1,2-Dibromoethane	ND	41	18	40.6		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	410	19	40.6	
Dibromomethane	ND	41	28	40.6		Trichloroethene	970	81	7.4	40.6	
1,2-Dichlorobenzene	ND	41	5.2	40.6		Trichlorofluoromethane	ND	410	6.4	40.6	
1,3-Dichlorobenzene	ND	41	6.6	40.6		1,2,3-Trichloropropane	ND	81	26	40.6	
1,4-Dichlorobenzene	ND	41	6.3	40.6		1,2,4-Trimethylbenzene	ND	81	4.7	40.6	
Dichlorodifluoromethane	ND	81	7.8	40.6		1,3,5-Trimethylbenzene	ND	81	4.0	40.6	
1,1-Dichloroethane	ND	41	6.5	40.6		Vinyl Acetate	ND	410	300	40.6	
1,2-Dichloroethane	ND	41	6.9	40.6		Vinyl Chloride	ND	41	8.7	40.6	
1,1-Dichloroethene	ND	41	5.7	40.6		p/m-Xylene	ND	81	8.2	40.6	
c-1,2-Dichloroethene	ND	41	11	40.6		o-Xylene	ND	41	4.7	40.6	
t-1,2-Dichloroethene	ND	41	10	40.6		Methyl-t-Butyl Ether (MTBE)	ND	81	5.4	40.6	
1,2-Dichloropropane	ND	41	11	40.6		Hexane	15	41	4.2	40.6	J
1,3-Dichloropropane	ND	41	7.1	40.6		Isopropanol	ND	2000	930	40.6	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	106	71-137				1,2-Dichloroethane-d4	121	58-160			
1,4-Bromofluorobenzene	104	66-126				Toluene-d8	102	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

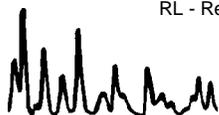
Page 14 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-85	06-12-0521-13	12/07/06	Solid	12/07/06	12/12/06	061212L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	5.8	42.0	5.4	0.849	J	2,2-Dichloropropane	ND	4.2	0.39	0.849	
Benzene	0.55	0.85	0.11	0.849	J	1,1-Dichloropropene	ND	1.7	0.19	0.849	
Bromobenzene	ND	0.85	0.18	0.849		c-1,3-Dichloropropene	ND	0.85	0.16	0.849	
Bromochloromethane	ND	1.7	1.2	0.849		t-1,3-Dichloropropene	ND	1.7	1.6	0.849	
Bromodichloromethane	ND	0.85	0.12	0.849		Ethylbenzene	ND	0.85	0.13	0.849	
Bromoform	ND	4.2	0.56	0.849		2-Hexanone	ND	17	4.7	0.849	
Bromomethane	ND	17	1.6	0.849		Isopropylbenzene	ND	0.85	0.10	0.849	
2-Butanone	ND	17	8.1	0.849		p-Isopropyltoluene	ND	0.85	0.098	0.849	
n-Butylbenzene	ND	0.85	0.19	0.849		Methylene Chloride	ND	8.5	4.4	0.849	
sec-Butylbenzene	ND	0.85	0.088	0.849		4-Methyl-2-Pentanone	ND	17	1.7	0.849	
tert-Butylbenzene	ND	0.85	0.10	0.849		Naphthalene	ND	8.5	0.28	0.849	
Carbon Disulfide	ND	8.5	0.15	0.849		n-Propylbenzene	ND	0.85	0.87	0.849	
Carbon Tetrachloride	ND	0.85	0.27	0.849		Styrene	ND	0.85	0.17	0.849	
Chlorobenzene	ND	0.85	0.13	0.849		1,1,1,2-Tetrachloroethane	ND	0.85	0.28	0.849	
Chloroethane	ND	1.7	0.35	0.849		1,1,2,2-Tetrachloroethane	ND	1.7	0.20	0.849	
Chloroform	ND	0.85	0.15	0.849		Tetrachloroethene	0.32	0.85	0.14	0.849	J
Chloromethane	ND	17	2.5	0.849		Toluene	0.37	0.85	0.13	0.849	J
2-Chlorotoluene	ND	0.85	0.099	0.849		1,2,3-Trichlorobenzene	ND	1.7	0.17	0.849	
4-Chlorotoluene	ND	0.85	0.089	0.849		1,2,4-Trichlorobenzene	ND	1.7	0.16	0.849	
Dibromochloromethane	ND	1.7	0.17	0.849		1,1,1-Trichloroethane	ND	0.85	0.21	0.849	
1,2-Dibromo-3-Chloropropane	ND	4.2	3.1	0.849		1,1,2-Trichloroethane	ND	0.85	0.20	0.849	
1,2-Dibromoethane	ND	0.85	0.38	0.849		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.5	0.40	0.849	
Dibromomethane	ND	0.85	0.60	0.849		Trichloroethene	130	2	0.15	0.849	
1,2-Dichlorobenzene	ND	0.85	0.11	0.849		Trichlorofluoromethane	ND	8.5	0.13	0.849	
1,3-Dichlorobenzene	ND	0.85	0.14	0.849		1,2,3-Trichloropropane	ND	1.7	0.55	0.849	
1,4-Dichlorobenzene	ND	0.85	0.13	0.849		1,2,4-Trimethylbenzene	ND	1.7	0.099	0.849	
Dichlorodifluoromethane	ND	1.7	0.16	0.849		1,3,5-Trimethylbenzene	ND	1.7	0.084	0.849	
1,1-Dichloroethane	0.15	0.85	0.14	0.849	J	Vinyl Acetate	ND	8.5	6.3	0.849	
1,2-Dichloroethane	ND	0.85	0.14	0.849		Vinyl Chloride	ND	0.85	0.18	0.849	
1,1-Dichloroethene	0.65	0.85	0.12	0.849	J	p/m-Xylene	ND	1.7	0.17	0.849	
c-1,2-Dichloroethene	4.2	0.8	0.24	0.849		o-Xylene	ND	0.85	0.097	0.849	
t-1,2-Dichloroethene	0.29	0.85	0.21	0.849	J	Methyl-t-Butyl Ether (MTBE)	ND	1.7	0.11	0.849	
1,2-Dichloropropane	ND	0.85	0.23	0.849		Hexane	1.3	0.8	0.088	0.849	B
1,3-Dichloropropane	ND	0.85	0.15	0.849		Isopropanol	ND	42	19	0.849	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	106	71-137				1,2-Dichloroethane-d4	118	58-160			
1,4-Bromofluorobenzene	100	66-126				Toluene-d8	97	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

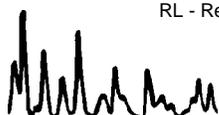
Page 15 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-90	06-12-0521-14	12/07/06	Solid	12/07/06	12/09/06	061208L04

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	2500	320	49.8		2,2-Dichloropropane	ND	250	23	49.8	
Benzene	ND	50	6.7	49.8		1,1-Dichloropropene	ND	100	11	49.8	
Bromobenzene	ND	50	10	49.8		c-1,3-Dichloropropene	ND	50	9.1	49.8	
Bromochloromethane	ND	100	69	49.8		t-1,3-Dichloropropene	ND	100	95	49.8	
Bromodichloromethane	ND	50	7.3	49.8		Ethylbenzene	ND	50	7.7	49.8	
Bromoform	ND	250	33	49.8		2-Hexanone	ND	1000	280	49.8	
Bromomethane	ND	1000	92	49.8		Isopropylbenzene	ND	50	5.9	49.8	
2-Butanone	ND	1000	480	49.8		p-Isopropyltoluene	ND	50	5.7	49.8	
n-Butylbenzene	ND	50	11	49.8		Methylene Chloride	390	500	260	49.8	J
sec-Butylbenzene	ND	50	5.1	49.8		4-Methyl-2-Pentanone	ND	1000	100	49.8	
tert-Butylbenzene	ND	50	6.1	49.8		Naphthalene	ND	500	16	49.8	
Carbon Disulfide	ND	500	8.7	49.8		n-Propylbenzene	ND	50	51	49.8	
Carbon Tetrachloride	ND	50	16	49.8		Styrene	ND	50	10	49.8	
Chlorobenzene	ND	50	7.5	49.8		1,1,1,2-Tetrachloroethane	ND	50	17	49.8	
Chloroethane	ND	100	21	49.8		1,1,2,2-Tetrachloroethane	ND	100	11	49.8	
Chloroform	ND	50	8.6	49.8		Tetrachloroethene	ND	50	8.4	49.8	
Chloromethane	ND	1000	150	49.8		Toluene	7.6	50.0	7.5	49.8	J,B
2-Chlorotoluene	ND	50	5.8	49.8		1,2,3-Trichlorobenzene	ND	100	10	49.8	
4-Chlorotoluene	ND	50	5.2	49.8		1,2,4-Trichlorobenzene	ND	100	9.1	49.8	
Dibromochloromethane	ND	100	9.9	49.8		1,1,1-Trichloroethane	ND	50	13	49.8	
1,2-Dibromo-3-Chloropropane	ND	250	180	49.8		1,1,2-Trichloroethane	ND	50	12	49.8	
1,2-Dibromoethane	ND	50	22	49.8		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	500	24	49.8	
Dibromomethane	ND	50	35	49.8		Trichloroethene	1700	100	9.0	49.8	
1,2-Dichlorobenzene	ND	50	6.4	49.8		Trichlorofluoromethane	ND	500	7.8	49.8	
1,3-Dichlorobenzene	ND	50	8.1	49.8		1,2,3-Trichloropropane	ND	100	32	49.8	
1,4-Dichlorobenzene	ND	50	7.7	49.8		1,2,4-Trimethylbenzene	ND	100	5.8	49.8	
Dichlorodifluoromethane	ND	100	9.6	49.8		1,3,5-Trimethylbenzene	ND	100	4.9	49.8	
1,1-Dichloroethane	ND	50	7.9	49.8		Vinyl Acetate	ND	500	370	49.8	
1,2-Dichloroethane	ND	50	8.5	49.8		Vinyl Chloride	ND	50	11	49.8	
1,1-Dichloroethene	ND	50	6.9	49.8		p/m-Xylene	ND	100	10	49.8	
c-1,2-Dichloroethene	16	50	14	49.8	J	o-Xylene	ND	50	5.7	49.8	
t-1,2-Dichloroethene	ND	50	13	49.8		Methyl-t-Butyl Ether (MTBE)	ND	100	6.6	49.8	
1,2-Dichloropropane	ND	50	13	49.8		Hexane	13	50	5.2	49.8	J
1,3-Dichloropropane	ND	50	8.7	49.8		Isopropanol	ND	2500	1100	49.8	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	106	71-137				1,2-Dichloroethane-d4	117	58-160			
1,4-Bromofluorobenzene	103	66-126				Toluene-d8	102	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

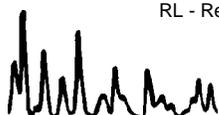
Page 16 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-95	06-12-0521-15	12/07/06	Solid	12/07/06	12/12/06	061212L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	23	58	7.4	1.16	J	2,2-Dichloropropane	ND	5.8	0.53	1.16	
Benzene	15	1	0.16	1.16		1,1-Dichloropropene	ND	2.3	0.26	1.16	
Bromobenzene	ND	1.2	0.24	1.16		c-1,3-Dichloropropene	ND	1.2	0.21	1.16	
Bromochloromethane	ND	2.3	1.6	1.16		t-1,3-Dichloropropene	ND	2.3	2.2	1.16	
Bromodichloromethane	ND	1.2	0.17	1.16		Ethylbenzene	0.70	1.20	0.18	1.16	J
Bromoform	ND	5.8	0.77	1.16		2-Hexanone	ND	23	6.5	1.16	
Bromomethane	ND	23	2.1	1.16		Isopropylbenzene	ND	1.2	0.14	1.16	
2-Butanone	ND	23	11	1.16		p-Isopropyltoluene	ND	1.2	0.13	1.16	
n-Butylbenzene	ND	1.2	0.26	1.16		Methylene Chloride	ND	12	6.0	1.16	
sec-Butylbenzene	ND	1.2	0.12	1.16		4-Methyl-2-Pentanone	ND	23	2.4	1.16	
tert-Butylbenzene	ND	1.2	0.14	1.16		Naphthalene	ND	12	0.38	1.16	
Carbon Disulfide	ND	12	0.20	1.16		n-Propylbenzene	ND	1.2	1.2	1.16	
Carbon Tetrachloride	ND	1.2	0.37	1.16		Styrene	ND	1.2	0.24	1.16	
Chlorobenzene	ND	1.2	0.17	1.16		1,1,1,2-Tetrachloroethane	ND	1.2	0.39	1.16	
Chloroethane	ND	2.3	0.48	1.16		1,1,2,2-Tetrachloroethane	ND	2.3	0.27	1.16	
Chloroform	ND	1.2	0.20	1.16		Tetrachloroethene	ND	1.2	0.20	1.16	
Chloromethane	ND	23	3.4	1.16		Toluene	7.4	1.2	0.17	1.16	
2-Chlorotoluene	ND	1.2	0.14	1.16		1,2,3-Trichlorobenzene	ND	2.3	0.24	1.16	
4-Chlorotoluene	ND	1.2	0.12	1.16		1,2,4-Trichlorobenzene	ND	2.3	0.21	1.16	
Dibromochloromethane	ND	2.3	0.23	1.16		1,1,1-Trichloroethane	ND	1.2	0.29	1.16	
1,2-Dibromo-3-Chloropropane	ND	5.8	4.3	1.16		1,1,2-Trichloroethane	ND	1.2	0.28	1.16	
1,2-Dibromoethane	ND	1.2	0.52	1.16		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	12	0.55	1.16	
Dibromomethane	ND	1.2	0.81	1.16		Trichloroethene	34	2	0.21	1.16	
1,2-Dichlorobenzene	ND	1.2	0.15	1.16		Trichlorofluoromethane	ND	12	0.18	1.16	
1,3-Dichlorobenzene	ND	1.2	0.19	1.16		1,2,3-Trichloropropane	ND	2.3	0.75	1.16	
1,4-Dichlorobenzene	ND	1.2	0.18	1.16		1,2,4-Trimethylbenzene	0.14	2.30	0.14	1.16	J
Dichlorodifluoromethane	ND	2.3	0.22	1.16		1,3,5-Trimethylbenzene	ND	2.3	0.11	1.16	
1,1-Dichloroethane	ND	1.2	0.18	1.16		Vinyl Acetate	ND	12	8.7	1.16	
1,2-Dichloroethane	ND	1.2	0.20	1.16		Vinyl Chloride	ND	1.2	0.25	1.16	
1,1-Dichloroethene	0.30	1.20	0.16	1.16	J	p/m-Xylene	1.0	2.3	0.23	1.16	J
c-1,2-Dichloroethene	3.8	1.2	0.33	1.16		o-Xylene	0.34	1.20	0.13	1.16	J
t-1,2-Dichloroethene	0.30	1.20	0.29	1.16	J	Methyl-t-Butyl Ether (MTBE)	ND	2.3	0.15	1.16	
1,2-Dichloropropane	ND	1.2	0.31	1.16		Hexane	ND	1.2	0.12	1.16	
1,3-Dichloropropane	ND	1.2	0.20	1.16		Isopropanol	ND	58	26	1.16	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	106	71-137				1,2-Dichloroethane-d4	121	58-160			
1,4-Bromofluorobenzene	97	66-126				Toluene-d8	100	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

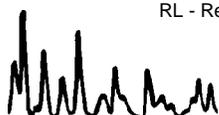
Page 17 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-100	06-12-0521-16	12/07/06	Solid	12/07/06	12/12/06	061212L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	24	41	5.2	0.812	J	2,2-Dichloropropane	ND	4.1	0.37	0.812	
Benzene	0.97	0.81	0.11	0.812		1,1-Dichloropropene	ND	1.6	0.18	0.812	
Bromobenzene	ND	0.81	0.17	0.812		c-1,3-Dichloropropene	ND	0.81	0.15	0.812	
Bromochloromethane	ND	1.6	1.1	0.812		t-1,3-Dichloropropene	ND	1.6	1.5	0.812	
Bromodichloromethane	ND	0.81	0.12	0.812		Ethylbenzene	ND	0.81	0.13	0.812	
Bromoform	ND	4.1	0.54	0.812		2-Hexanone	ND	16	4.5	0.812	
Bromomethane	ND	16	1.5	0.812		Isopropylbenzene	ND	0.81	0.096	0.812	
2-Butanone	ND	16	7.8	0.812		p-Isopropyltoluene	ND	0.81	0.094	0.812	
n-Butylbenzene	ND	0.81	0.18	0.812		Methylene Chloride	ND	8.1	4.2	0.812	
sec-Butylbenzene	ND	0.81	0.084	0.812		4-Methyl-2-Pentanone	ND	16	1.7	0.812	
tert-Butylbenzene	ND	0.81	0.10	0.812		Naphthalene	ND	8.1	0.26	0.812	
Carbon Disulfide	0.34	8.10	0.14	0.812	J	n-Propylbenzene	ND	0.81	0.83	0.812	
Carbon Tetrachloride	ND	0.81	0.26	0.812		Styrene	ND	0.81	0.17	0.812	
Chlorobenzene	ND	0.81	0.12	0.812		1,1,1,2-Tetrachloroethane	ND	0.81	0.27	0.812	
Chloroethane	ND	1.6	0.34	0.812		1,1,2,2-Tetrachloroethane	ND	1.6	0.19	0.812	
Chloroform	ND	0.81	0.14	0.812		Tetrachloroethene	ND	0.81	0.14	0.812	
Chloromethane	ND	16	2.4	0.812		Toluene	0.59	0.81	0.12	0.812	J
2-Chlorotoluene	ND	0.81	0.095	0.812		1,2,3-Trichlorobenzene	ND	1.6	0.17	0.812	
4-Chlorotoluene	ND	0.81	0.085	0.812		1,2,4-Trichlorobenzene	ND	1.6	0.15	0.812	
Dibromochloromethane	ND	1.6	0.16	0.812		1,1,1-Trichloroethane	ND	0.81	0.21	0.812	
1,2-Dibromo-3-Chloropropane	ND	4.1	3.0	0.812		1,1,2-Trichloroethane	ND	0.81	0.20	0.812	
1,2-Dibromoethane	ND	0.81	0.36	0.812		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.1	0.38	0.812	
Dibromomethane	ND	0.81	0.57	0.812		Trichloroethene	150	2	0.15	0.812	
1,2-Dichlorobenzene	ND	0.81	0.10	0.812		Trichlorofluoromethane	ND	8.1	0.13	0.812	
1,3-Dichlorobenzene	ND	0.81	0.13	0.812		1,2,3-Trichloropropane	ND	1.6	0.53	0.812	
1,4-Dichlorobenzene	ND	0.81	0.13	0.812		1,2,4-Trimethylbenzene	ND	1.6	0.095	0.812	
Dichlorodifluoromethane	0.23	1.60	0.16	0.812	J	1,3,5-Trimethylbenzene	ND	1.6	0.080	0.812	
1,1-Dichloroethane	ND	0.81	0.13	0.812		Vinyl Acetate	ND	8.1	6.1	0.812	
1,2-Dichloroethane	ND	0.81	0.14	0.812		Vinyl Chloride	0.32	0.81	0.17	0.812	J
1,1-Dichloroethene	0.31	0.81	0.11	0.812	J	p/m-Xylene	ND	1.6	0.16	0.812	
c-1,2-Dichloroethene	4.6	0.8	0.23	0.812		o-Xylene	ND	0.81	0.093	0.812	
t-1,2-Dichloroethene	0.29	0.81	0.21	0.812	J	Methyl-t-Butyl Ether (MTBE)	ND	1.6	0.11	0.812	
1,2-Dichloropropane	ND	0.81	0.22	0.812		Hexane	0.81	0.81	0.084	0.812	J,B
1,3-Dichloropropane	ND	0.81	0.14	0.812		Isopropanol	ND	41	19	0.812	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	108	71-137				1,2-Dichloroethane-d4	121	58-160			
1,4-Bromofluorobenzene	98	66-126				Toluene-d8	98	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

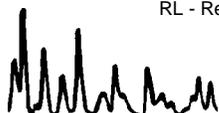
Page 18 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-35X	06-12-0521-18	12/07/06	Solid	12/07/06	12/12/06	061212L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	23	44	5.6	0.876	J	2,2-Dichloropropane	ND	4.4	0.40	0.876	
Benzene	3.9	0.9	0.12	0.876		1,1-Dichloropropene	ND	1.8	0.19	0.876	
Bromobenzene	ND	0.88	0.18	0.876		c-1,3-Dichloropropene	ND	0.88	0.16	0.876	
Bromochloromethane	ND	1.8	1.2	0.876		t-1,3-Dichloropropene	ND	1.8	1.7	0.876	
Bromodichloromethane	ND	0.88	0.13	0.876		Ethylbenzene	0.27	0.88	0.14	0.876	J
Bromoform	ND	4.4	0.58	0.876		2-Hexanone	ND	18	4.9	0.876	
Bromomethane	ND	18	1.6	0.876		Isopropylbenzene	ND	0.88	0.10	0.876	
2-Butanone	ND	18	8.4	0.876		p-Isopropyltoluene	ND	0.88	0.10	0.876	
n-Butylbenzene	ND	0.88	0.19	0.876		Methylene Chloride	ND	8.8	4.5	0.876	
sec-Butylbenzene	ND	0.88	0.090	0.876		4-Methyl-2-Pentanone	ND	18	1.8	0.876	
tert-Butylbenzene	ND	0.88	0.11	0.876		Naphthalene	0.31	8.80	0.28	0.876	J
Carbon Disulfide	0.19	8.80	0.15	0.876	J	n-Propylbenzene	ND	0.88	0.90	0.876	
Carbon Tetrachloride	ND	0.88	0.28	0.876		Styrene	ND	0.88	0.18	0.876	
Chlorobenzene	ND	0.88	0.13	0.876		1,1,1,2-Tetrachloroethane	ND	0.88	0.29	0.876	
Chloroethane	ND	1.8	0.36	0.876		1,1,2,2-Tetrachloroethane	ND	1.8	0.20	0.876	
Chloroform	ND	0.88	0.15	0.876		Tetrachloroethene	0.25	0.88	0.15	0.876	J
Chloromethane	ND	18	2.6	0.876		Toluene	2.0	0.9	0.13	0.876	
2-Chlorotoluene	ND	0.88	0.10	0.876		1,2,3-Trichlorobenzene	ND	1.8	0.18	0.876	
4-Chlorotoluene	ND	0.88	0.091	0.876		1,2,4-Trichlorobenzene	ND	1.8	0.16	0.876	
Dibromochloromethane	ND	1.8	0.17	0.876		1,1,1-Trichloroethane	ND	0.88	0.22	0.876	
1,2-Dibromo-3-Chloropropane	ND	4.4	3.2	0.876		1,1,2-Trichloroethane	ND	0.88	0.21	0.876	
1,2-Dibromoethane	ND	0.88	0.39	0.876		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	8.8	0.41	0.876	
Dibromomethane	ND	0.88	0.61	0.876		Trichloroethene	110	2	0.16	0.876	
1,2-Dichlorobenzene	ND	0.88	0.11	0.876		Trichlorofluoromethane	ND	8.8	0.14	0.876	
1,3-Dichlorobenzene	ND	0.88	0.14	0.876		1,2,3-Trichloropropane	ND	1.8	0.57	0.876	
1,4-Dichlorobenzene	ND	0.88	0.14	0.876		1,2,4-Trimethylbenzene	ND	1.8	0.10	0.876	
Dichlorodifluoromethane	ND	1.8	0.17	0.876		1,3,5-Trimethylbenzene	ND	1.8	0.087	0.876	
1,1-Dichloroethane	ND	0.88	0.14	0.876		Vinyl Acetate	ND	8.8	6.5	0.876	
1,2-Dichloroethane	ND	0.88	0.15	0.876		Vinyl Chloride	0.51	0.88	0.19	0.876	J
1,1-Dichloroethene	0.54	0.88	0.12	0.876	J	p/m-Xylene	0.50	1.80	0.18	0.876	J
c-1,2-Dichloroethene	3.3	0.9	0.25	0.876		o-Xylene	0.13	0.88	0.10	0.876	J
t-1,2-Dichloroethene	ND	0.88	0.22	0.876		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.876	
1,2-Dichloropropane	ND	0.88	0.23	0.876		Hexane	19	1	0.091	0.876	B
1,3-Dichloropropane	ND	0.88	0.15	0.876		Isopropanol	ND	44	20	0.876	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	110	71-137				1,2-Dichloroethane-d4	127	58-160			
1,4-Bromofluorobenzene	103	66-126				Toluene-d8	102	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report

TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

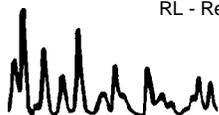
Page 19 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
TMP-5-95X	06-12-0521-19	12/07/06	Solid	12/07/06	12/12/06	061212L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	38	46	5.9	0.916	J	2,2-Dichloropropane	ND	4.6	0.42	0.916	
Benzene	19	1	0.12	0.916		1,1-Dichloropropene	ND	1.8	0.20	0.916	
Bromobenzene	ND	0.92	0.19	0.916		c-1,3-Dichloropropene	ND	0.92	0.17	0.916	
Bromochloromethane	ND	1.8	1.3	0.916		t-1,3-Dichloropropene	ND	1.8	1.7	0.916	
Bromodichloromethane	ND	0.92	0.13	0.916		Ethylbenzene	0.98	0.92	0.14	0.916	
Bromoform	ND	4.6	0.61	0.916		2-Hexanone	ND	18	5.1	0.916	
Bromomethane	ND	18	1.7	0.916		Isopropylbenzene	ND	0.92	0.11	0.916	
2-Butanone	19	18	8.8	0.916		p-Isopropyltoluene	ND	0.92	0.11	0.916	
n-Butylbenzene	ND	0.92	0.20	0.916		Methylene Chloride	ND	9.2	4.7	0.916	
sec-Butylbenzene	ND	0.92	0.095	0.916		4-Methyl-2-Pentanone	ND	18	1.9	0.916	
tert-Butylbenzene	ND	0.92	0.11	0.916		Naphthalene	0.36	9.20	0.30	0.916	J
Carbon Disulfide	ND	9.2	0.16	0.916		n-Propylbenzene	ND	0.92	0.94	0.916	
Carbon Tetrachloride	ND	0.92	0.29	0.916		Styrene	ND	0.92	0.19	0.916	
Chlorobenzene	ND	0.92	0.14	0.916		1,1,1,2-Tetrachloroethane	ND	0.92	0.30	0.916	
Chloroethane	ND	1.8	0.38	0.916		1,1,2,2-Tetrachloroethane	ND	1.8	0.21	0.916	
Chloroform	ND	0.92	0.16	0.916		Tetrachloroethene	ND	0.92	0.16	0.916	
Chloromethane	ND	18	2.7	0.916		Toluene	9.7	0.9	0.14	0.916	
2-Chlorotoluene	ND	0.92	0.11	0.916		1,2,3-Trichlorobenzene	ND	1.8	0.19	0.916	
4-Chlorotoluene	ND	0.92	0.096	0.916		1,2,4-Trichlorobenzene	ND	1.8	0.17	0.916	
Dibromochloromethane	ND	1.8	0.18	0.916		1,1,1-Trichloroethane	ND	0.92	0.23	0.916	
1,2-Dibromo-3-Chloropropane	ND	4.6	3.4	0.916		1,1,2-Trichloroethane	ND	0.92	0.22	0.916	
1,2-Dibromoethane	ND	0.92	0.41	0.916		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	9.2	0.43	0.916	
Dibromomethane	ND	0.92	0.64	0.916		Trichloroethene	33	2	0.17	0.916	
1,2-Dichlorobenzene	ND	0.92	0.12	0.916		Trichlorofluoromethane	ND	9.2	0.14	0.916	
1,3-Dichlorobenzene	ND	0.92	0.15	0.916		1,2,3-Trichloropropane	ND	1.8	0.60	0.916	
1,4-Dichlorobenzene	ND	0.92	0.14	0.916		1,2,4-Trimethylbenzene	ND	1.8	0.11	0.916	
Dichlorodifluoromethane	ND	1.8	0.18	0.916		1,3,5-Trimethylbenzene	ND	1.8	0.090	0.916	
1,1-Dichloroethane	ND	0.92	0.15	0.916		Vinyl Acetate	ND	9.2	6.8	0.916	
1,2-Dichloroethane	ND	0.92	0.16	0.916		Vinyl Chloride	ND	0.92	0.20	0.916	
1,1-Dichloroethene	0.27	0.92	0.13	0.916	J	p/m-Xylene	1.4	1.8	0.18	0.916	J
c-1,2-Dichloroethene	3.3	0.9	0.26	0.916		o-Xylene	0.37	0.92	0.11	0.916	J
t-1,2-Dichloroethene	ND	0.92	0.23	0.916		Methyl-t-Butyl Ether (MTBE)	ND	1.8	0.12	0.916	
1,2-Dichloropropane	ND	0.92	0.24	0.916		Hexane	0.16	0.92	0.095	0.916	J,B
1,3-Dichloropropane	ND	0.92	0.16	0.916		Isopropanol	ND	46	21	0.916	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	109	71-137				1,2-Dichloroethane-d4	129	58-160			
1,4-Bromofluorobenzene	101	66-126				Toluene-d8	103	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

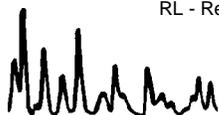
Page 20 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-67	N/A	Solid	12/08/06	12/08/06	061208L02

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	940	5000	640	100	J	2,2-Dichloropropane	ND	500	46	100	
Benzene	17	100	13	100	J	1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromochloromethane	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromodichloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromoform	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Isopropylbenzene	ND	100	12	100	
2-Butanone	ND	2000	960	100		p-Isopropyltoluene	ND	100	12	100	
n-Butylbenzene	ND	100	22	100		Methylene Chloride	770	1000	520	100	J
sec-Butylbenzene	ND	100	10	100		4-Methyl-2-Pentanone	ND	2000	200	100	
tert-Butylbenzene	ND	100	12	100		Naphthalene	34	1000	33	100	J
Carbon Disulfide	ND	1000	18	100		n-Propylbenzene	ND	100	100	100	
Carbon Tetrachloride	ND	100	32	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	ND	100	17	100		Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	24	100	15	100	J
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	32	200	20	100	J
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	22	200	18	100	J
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	ND	100	15	100		1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	22	200	20	100	J
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	ND	100	10	100	
1,3-Dichloropropane	ND	100	18	100		Isopropanol	ND	5000	2300	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	110	71-137				1,2-Dichloroethane-d4	126	58-160			
1,4-Bromofluorobenzene	109	66-126				Toluene-d8	102	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

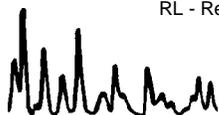
Page 21 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-70	N/A	Solid	12/11/06	12/11/06	061211L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	6.4	1		2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	ND	1.0	0.13	1		1,1-Dichloropropene	ND	2.0	0.22	1	
Bromobenzene	ND	1.0	0.21	1		c-1,3-Dichloropropene	ND	1.0	0.18	1	
Bromochloromethane	ND	2.0	1.4	1		t-1,3-Dichloropropene	ND	2.0	1.9	1	
Bromodichloromethane	ND	1.0	0.15	1		Ethylbenzene	ND	1.0	0.15	1	
Bromoform	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	ND	10	5.2	1	
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	ND	1.0	0.15	1	
2-Chlorotoluene	ND	1.0	0.12	1		1,2,3-Trichlorobenzene	ND	2.0	0.20	1	
4-Chlorotoluene	ND	1.0	0.10	1		1,2,4-Trichlorobenzene	ND	2.0	0.18	1	
Dibromochloromethane	ND	2.0	0.20	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	ND	1.0	0.10	1	
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	ND	50	23	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>			<u>Qual</u>
Dibromofluoromethane	100	71-137				1,2-Dichloroethane-d4	110	58-160			
1,4-Bromofluorobenzene	93	66-126				Toluene-d8	99	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

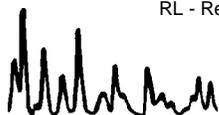
Page 22 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-72	N/A	Solid	12/08/06	12/09/06	061208L04

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	5000	640	100		2,2-Dichloropropane	ND	500	46	100	
Benzene	18	100	13	100	J	1,1-Dichloropropene	ND	200	22	100	
Bromobenzene	ND	100	21	100		c-1,3-Dichloropropene	ND	100	18	100	
Bromochloromethane	ND	200	140	100		t-1,3-Dichloropropene	ND	200	190	100	
Bromodichloromethane	ND	100	15	100		Ethylbenzene	ND	100	15	100	
Bromoform	ND	500	66	100		2-Hexanone	ND	2000	560	100	
Bromomethane	ND	2000	180	100		Isopropylbenzene	ND	100	12	100	
2-Butanone	ND	2000	960	100		p-Isopropyltoluene	ND	100	12	100	
n-Butylbenzene	ND	100	22	100		Methylene Chloride	ND	1000	520	100	
sec-Butylbenzene	ND	100	10	100		4-Methyl-2-Pentanone	ND	2000	200	100	
tert-Butylbenzene	ND	100	12	100		Naphthalene	ND	1000	33	100	
Carbon Disulfide	ND	1000	18	100		n-Propylbenzene	ND	100	100	100	
Carbon Tetrachloride	ND	100	32	100		Styrene	ND	100	21	100	
Chlorobenzene	ND	100	15	100		1,1,1,2-Tetrachloroethane	ND	100	33	100	
Chloroethane	ND	200	42	100		1,1,2,2-Tetrachloroethane	ND	200	23	100	
Chloroform	ND	100	17	100		Tetrachloroethene	ND	100	17	100	
Chloromethane	ND	2000	290	100		Toluene	25	100	15	100	J
2-Chlorotoluene	ND	100	12	100		1,2,3-Trichlorobenzene	ND	200	20	100	
4-Chlorotoluene	ND	100	10	100		1,2,4-Trichlorobenzene	ND	200	18	100	
Dibromochloromethane	ND	200	20	100		1,1,1-Trichloroethane	ND	100	25	100	
1,2-Dibromo-3-Chloropropane	ND	500	370	100		1,1,2-Trichloroethane	ND	100	24	100	
1,2-Dibromoethane	ND	100	45	100		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1000	47	100	
Dibromomethane	ND	100	70	100		Trichloroethene	ND	200	18	100	
1,2-Dichlorobenzene	ND	100	13	100		Trichlorofluoromethane	ND	1000	16	100	
1,3-Dichlorobenzene	ND	100	16	100		1,2,3-Trichloropropane	ND	200	65	100	
1,4-Dichlorobenzene	ND	100	15	100		1,2,4-Trimethylbenzene	ND	200	12	100	
Dichlorodifluoromethane	ND	200	19	100		1,3,5-Trimethylbenzene	ND	200	9.9	100	
1,1-Dichloroethane	ND	100	16	100		Vinyl Acetate	ND	1000	750	100	
1,2-Dichloroethane	ND	100	17	100		Vinyl Chloride	ND	100	21	100	
1,1-Dichloroethene	ND	100	14	100		p/m-Xylene	23	200	20	100	J
c-1,2-Dichloroethene	ND	100	28	100		o-Xylene	ND	100	11	100	
t-1,2-Dichloroethene	ND	100	25	100		Methyl-t-Butyl Ether (MTBE)	ND	200	13	100	
1,2-Dichloropropane	ND	100	27	100		Hexane	ND	100	10	100	
1,3-Dichloropropane	ND	100	18	100		Isopropanol	ND	5000	2300	100	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	109	71-137				1,2-Dichloroethane-d4	122	58-160			
1,4-Bromofluorobenzene	101	66-126				Toluene-d8	101	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B
Units: ug/kg

Project: PEMACO

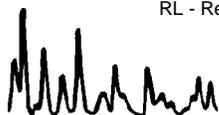
Page 23 of 23

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-12-459-74	N/A	Solid	12/12/06	12/12/06	061212L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	6.4	1		2,2-Dichloropropane	ND	5.0	0.46	1	
Benzene	ND	1.0	0.13	1		1,1-Dichloropropene	ND	2.0	0.22	1	
Bromobenzene	ND	1.0	0.21	1		c-1,3-Dichloropropene	ND	1.0	0.18	1	
Bromochloromethane	ND	2.0	1.4	1		t-1,3-Dichloropropene	ND	2.0	1.9	1	
Bromodichloromethane	ND	1.0	0.15	1		Ethylbenzene	ND	1.0	0.15	1	
Bromoform	ND	5.0	0.66	1		2-Hexanone	ND	20	5.6	1	
Bromomethane	ND	20	1.8	1		Isopropylbenzene	ND	1.0	0.12	1	
2-Butanone	ND	20	9.6	1		p-Isopropyltoluene	ND	1.0	0.12	1	
n-Butylbenzene	ND	1.0	0.22	1		Methylene Chloride	ND	10	5.2	1	
sec-Butylbenzene	ND	1.0	0.10	1		4-Methyl-2-Pentanone	ND	20	2.0	1	
tert-Butylbenzene	ND	1.0	0.12	1		Naphthalene	ND	10	0.33	1	
Carbon Disulfide	ND	10	0.18	1		n-Propylbenzene	ND	1.0	1.0	1	
Carbon Tetrachloride	ND	1.0	0.32	1		Styrene	ND	1.0	0.21	1	
Chlorobenzene	ND	1.0	0.15	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.33	1	
Chloroethane	ND	2.0	0.42	1		1,1,2,2-Tetrachloroethane	ND	2.0	0.23	1	
Chloroform	ND	1.0	0.17	1		Tetrachloroethene	ND	1.0	0.17	1	
Chloromethane	ND	20	2.9	1		Toluene	ND	1.0	0.15	1	
2-Chlorotoluene	ND	1.0	0.12	1		1,2,3-Trichlorobenzene	ND	2.0	0.20	1	
4-Chlorotoluene	ND	1.0	0.10	1		1,2,4-Trichlorobenzene	ND	2.0	0.18	1	
Dibromochloromethane	ND	2.0	0.20	1		1,1,1-Trichloroethane	ND	1.0	0.25	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.7	1		1,1,2-Trichloroethane	ND	1.0	0.24	1	
1,2-Dibromoethane	ND	1.0	0.45	1		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	0.47	1	
Dibromomethane	ND	1.0	0.70	1		Trichloroethene	ND	2.0	0.18	1	
1,2-Dichlorobenzene	ND	1.0	0.13	1		Trichlorofluoromethane	ND	10	0.16	1	
1,3-Dichlorobenzene	ND	1.0	0.16	1		1,2,3-Trichloropropane	ND	2.0	0.65	1	
1,4-Dichlorobenzene	ND	1.0	0.15	1		1,2,4-Trimethylbenzene	ND	2.0	0.12	1	
Dichlorodifluoromethane	ND	2.0	0.19	1		1,3,5-Trimethylbenzene	ND	2.0	0.099	1	
1,1-Dichloroethane	ND	1.0	0.16	1		Vinyl Acetate	ND	10	7.5	1	
1,2-Dichloroethane	ND	1.0	0.17	1		Vinyl Chloride	ND	1.0	0.21	1	
1,1-Dichloroethene	ND	1.0	0.14	1		p/m-Xylene	ND	2.0	0.20	1	
c-1,2-Dichloroethene	ND	1.0	0.28	1		o-Xylene	ND	1.0	0.11	1	
t-1,2-Dichloroethene	ND	1.0	0.25	1		Methyl-t-Butyl Ether (MTBE)	ND	2.0	0.13	1	
1,2-Dichloropropane	ND	1.0	0.27	1		Hexane	0.17	1.00	0.10	1	J
1,3-Dichloropropane	ND	1.0	0.18	1		Isopropanol	ND	50	23	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	100	71-137				1,2-Dichloroethane-d4	102	58-160			
1,4-Bromofluorobenzene	95	66-126				Toluene-d8	99	87-111			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: PEMACO

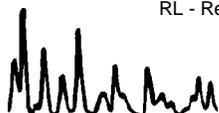
Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
EB-12.7.06	06-12-0521-17	12/07/06	Aqueous	12/08/06	12/08/06	061208L01

Comment(s): -Results were evaluated to the MDL, concentrations >= to the MDL but < RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	11	50	7.0	1	J	2,2-Dichloropropane	ND	1.0	0.29	1	
Benzene	ND	0.50	0.19	1		1,1-Dichloropropene	ND	1.0	0.62	1	
Bromobenzene	ND	1.0	0.26	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromochloromethane	ND	1.0	0.88	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromodichloromethane	ND	1.0	0.21	1		Ethylbenzene	ND	1.0	0.13	1	
Bromoform	ND	1.0	0.87	1		2-Hexanone	ND	10	3.4	1	
Bromomethane	ND	10	3.5	1		Isopropylbenzene	ND	1.0	0.10	1	
2-Butanone	ND	10	8.0	1		p-Isopropyltoluene	ND	1.0	0.14	1	
n-Butylbenzene	ND	1.0	0.25	1		Methylene Chloride	ND	20	9.7	1	
sec-Butylbenzene	ND	1.0	0.29	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
tert-Butylbenzene	ND	1.0	0.19	1		Naphthalene	ND	10	0.42	1	
Carbon Disulfide	ND	10	1.8	1		n-Propylbenzene	ND	1.0	0.12	1	
Carbon Tetrachloride	ND	0.50	0.29	1		Styrene	ND	1.0	0.16	1	
Chlorobenzene	ND	1.0	0.16	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroethane	ND	1.0	0.70	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chloroform	ND	1.0	0.29	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloromethane	ND	10	2.1	1		Toluene	ND	1.0	0.23	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,2-Trichloro-1,1,2,2-Trifluoroethane	ND	10	0.61	1	
1,2-Dibromoethane	ND	1.0	0.41	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
Dibromomethane	ND	1.0	0.82	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		Trichlorofluoromethane	ND	10	0.83	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,1-Dichloroethane	ND	1.0	0.25	1		Vinyl Acetate	ND	10	6.4	1	
1,2-Dichloroethane	ND	0.50	0.25	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethene	ND	1.0	0.26	1		p/m-Xylene	ND	1.0	0.27	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		o-Xylene	ND	1.0	0.17	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Hexane	ND	1.0	0.33	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Isopropanol	ND	100	29	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	111	74-140				1,2-Dichloroethane-d4	107	74-146			
Toluene-d8	94	88-112				1,4-Bromofluorobenzene	87	74-110			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/L

Project: PEMACO

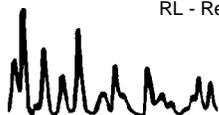
Page 2 of 2

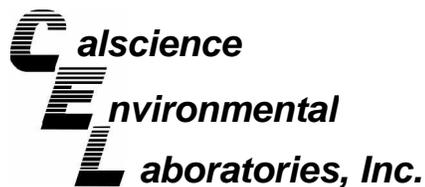
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-10-006-19,842	N/A	Aqueous	12/08/06	12/08/06	061208L01

Comment(s): -Results were evaluated to the MDL, concentrations \geq to the MDL but $<$ RL, if found, are qualified with a "J" flag.

Parameter	Result	RL	MDL	DF	Qual	Parameter	Result	RL	MDL	DF	Qual
Acetone	ND	50	7.0	1		2,2-Dichloropropane	ND	1.0	0.29	1	
Benzene	ND	0.50	0.19	1		1,1-Dichloropropene	ND	1.0	0.62	1	
Bromobenzene	ND	1.0	0.26	1		c-1,3-Dichloropropene	ND	0.50	0.28	1	
Bromochloromethane	ND	1.0	0.88	1		t-1,3-Dichloropropene	ND	0.50	0.26	1	
Bromodichloromethane	ND	1.0	0.21	1		Ethylbenzene	ND	1.0	0.13	1	
Bromoform	ND	1.0	0.87	1		2-Hexanone	ND	10	3.4	1	
Bromomethane	ND	10	3.5	1		Isopropylbenzene	ND	1.0	0.10	1	
2-Butanone	ND	10	8.0	1		p-Isopropyltoluene	ND	1.0	0.14	1	
n-Butylbenzene	ND	1.0	0.25	1		Methylene Chloride	ND	10	9.7	1	
sec-Butylbenzene	ND	1.0	0.29	1		4-Methyl-2-Pentanone	ND	10	2.0	1	
tert-Butylbenzene	ND	1.0	0.19	1		Naphthalene	ND	10	0.42	1	
Carbon Disulfide	ND	10	1.8	1		n-Propylbenzene	ND	1.0	0.12	1	
Carbon Tetrachloride	ND	0.50	0.29	1		Styrene	ND	1.0	0.16	1	
Chlorobenzene	ND	1.0	0.16	1		1,1,1,2-Tetrachloroethane	ND	1.0	0.44	1	
Chloroethane	ND	1.0	0.70	1		1,1,2,2-Tetrachloroethane	ND	1.0	0.45	1	
Chloroform	ND	1.0	0.29	1		Tetrachloroethene	ND	1.0	0.30	1	
Chloromethane	ND	10	2.1	1		Toluene	ND	1.0	0.23	1	
2-Chlorotoluene	ND	1.0	0.16	1		1,2,3-Trichlorobenzene	ND	1.0	0.26	1	
4-Chlorotoluene	ND	1.0	0.18	1		1,2,4-Trichlorobenzene	ND	1.0	0.29	1	
Dibromochloromethane	ND	1.0	0.39	1		1,1,1-Trichloroethane	ND	1.0	0.35	1	
1,2-Dibromo-3-Chloropropane	ND	5.0	3.1	1		1,1,2-Trichloro-1,1,2,2-Trifluoroethane	ND	10	0.61	1	
1,2-Dibromoethane	ND	1.0	0.41	1		1,1,2-Trichloroethane	ND	1.0	0.79	1	
Dibromomethane	ND	1.0	0.82	1		Trichloroethene	ND	1.0	0.31	1	
1,2-Dichlorobenzene	ND	1.0	0.15	1		Trichlorofluoromethane	ND	10	0.83	1	
1,3-Dichlorobenzene	ND	1.0	0.15	1		1,2,3-Trichloropropane	ND	5.0	2.8	1	
1,4-Dichlorobenzene	ND	1.0	0.17	1		1,2,4-Trimethylbenzene	ND	1.0	0.13	1	
Dichlorodifluoromethane	ND	1.0	0.33	1		1,3,5-Trimethylbenzene	ND	1.0	0.86	1	
1,1-Dichloroethane	ND	1.0	0.25	1		Vinyl Acetate	ND	10	6.4	1	
1,2-Dichloroethane	ND	0.50	0.25	1		Vinyl Chloride	ND	0.50	0.24	1	
1,1-Dichloroethene	ND	1.0	0.26	1		p/m-Xylene	ND	1.0	0.27	1	
c-1,2-Dichloroethene	ND	1.0	0.63	1		o-Xylene	ND	1.0	0.17	1	
t-1,2-Dichloroethene	ND	1.0	0.83	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	0.23	1	
1,2-Dichloropropane	ND	1.0	0.55	1		Hexane	ND	1.0	0.33	1	
1,3-Dichloropropane	ND	1.0	0.28	1		Isopropanol	ND	100	29	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	
Dibromofluoromethane	106	74-140				1,2-Dichloroethane-d4	104	74-146			
Toluene-d8	96	88-112				1,4-Bromofluorobenzene	88	74-110			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Quality Control - Spike/Spike Duplicate



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317 East Main Street
Ventura, CA 93001-2624

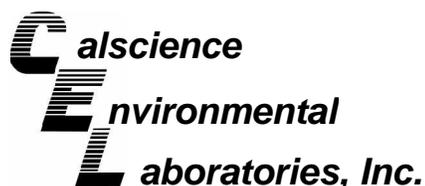
Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B

Project PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
TMP-5-80	Solid	GC/MS JJ	12/07/06	12/08/06	061208S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	96	40-142	0	0-18	
Carbon Tetrachloride	115	112	37-139	3	0-20	
Chlorobenzene	98	97	43-127	2	0-26	
1,2-Dichlorobenzene	98	96	40-160	2	0-36	
1,1-Dichloroethene	112	105	16-178	6	0-25	
Toluene	100	102	44-128	1	0-15	
Trichloroethene	104	114	47-131	7	0-19	
Vinyl Chloride	82	83	29-161	0	0-42	
Methyl-t-Butyl Ether (MTBE)	108	100	42-150	7	0-34	
Tert-Butyl Alcohol (TBA)	105	99	61-109	6	0-47	
Diisopropyl Ether (DIPE)	99	95	73-133	4	0-25	
Ethyl-t-Butyl Ether (ETBE)	103	99	73-132	4	0-25	
Tert-Amyl-Methyl Ether (TAME)	109	110	82-120	1	0-25	
Ethanol	98	107	39-117	9	0-99	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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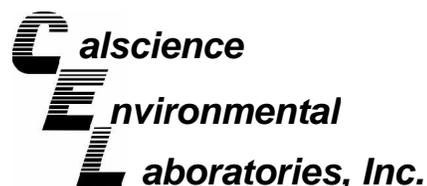
Date Received: 12/07/06
Work Order No: 06-12-0521
Preparation: EPA 5030B
Method: EPA 8260B

Project PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-12-0469-1	Aqueous	GC/MS T	12/08/06	12/08/06	061208S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	108	88-118	0	0-7	
Carbon Tetrachloride	99	101	67-145	2	0-11	
Chlorobenzene	108	108	88-118	0	0-7	
1,2-Dichlorobenzene	107	106	86-116	1	0-8	
1,1-Dichloroethene	105	106	70-130	0	0-25	
Toluene	104	103	87-123	1	0-8	
Trichloroethene	104	104	79-127	0	0-10	
Vinyl Chloride	85	87	69-129	3	0-13	
Methyl-t-Butyl Ether (MTBE)	94	95	71-131	1	0-13	
Tert-Butyl Alcohol (TBA)	72	79	36-168	9	0-45	
Diisopropyl Ether (DIPE)	113	113	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	90	92	72-126	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	88	89	72-126	0	0-12	
Ethanol	93	98	53-149	6	0-31	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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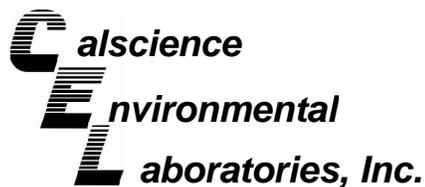
Date Received: N/A
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-72	Solid	GC/MS JJ	12/08/06	12/08/06	061208L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	94	85-115	5	0-11	
Carbon Tetrachloride	115	115	68-134	0	0-14	
Chlorobenzene	99	98	83-119	0	0-9	
1,2-Dichlorobenzene	98	94	57-135	3	0-10	
1,1-Dichloroethene	109	110	72-120	0	0-10	
Toluene	101	96	67-127	5	0-10	
Trichloroethene	110	101	88-112	9	0-9	
Vinyl Chloride	84	83	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	107	106	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	91	91	31-145	0	0-23	
Diisopropyl Ether (DIPE)	101	100	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	108	106	77-125	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	113	107	81-123	5	0-10	
Ethanol	97	91	44-152	6	0-24	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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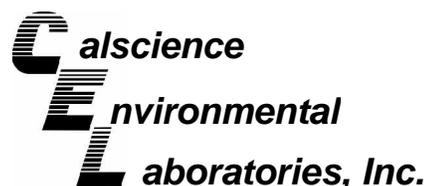
Date Received: N/A
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-70	Solid	GC/MS JJ	12/11/06	12/11/06	061211L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	92	85-115	5	0-11	
Carbon Tetrachloride	110	110	68-134	0	0-14	
Chlorobenzene	97	96	83-119	1	0-9	
1,2-Dichlorobenzene	98	96	57-135	2	0-10	
1,1-Dichloroethene	113	112	72-120	1	0-10	
Toluene	99	95	67-127	3	0-10	
Trichloroethene	103	102	88-112	1	0-9	
Vinyl Chloride	102	99	57-129	2	0-16	
Methyl-t-Butyl Ether (MTBE)	99	100	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	80	91	31-145	13	0-23	
Diisopropyl Ether (DIPE)	99	98	74-128	1	0-10	
Ethyl-t-Butyl Ether (ETBE)	101	101	77-125	0	0-9	
Tert-Amyl-Methyl Ether (TAME)	99	99	81-123	0	0-10	
Ethanol	92	99	44-152	8	0-24	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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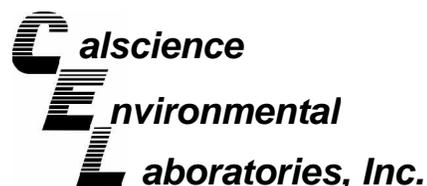
Date Received: N/A
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-74	Solid	GC/MS JJ	12/12/06	12/12/06	061212L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	94	85-115	4	0-11	
Carbon Tetrachloride	105	101	68-134	4	0-14	
Chlorobenzene	96	95	83-119	1	0-9	
1,2-Dichlorobenzene	92	92	57-135	0	0-10	
1,1-Dichloroethene	110	105	72-120	5	0-10	
Toluene	98	95	67-127	4	0-10	
Trichloroethene	110	103	88-112	7	0-9	
Vinyl Chloride	98	98	57-129	0	0-16	
Methyl-t-Butyl Ether (MTBE)	104	102	76-124	2	0-12	
Tert-Butyl Alcohol (TBA)	94	90	31-145	5	0-23	
Diisopropyl Ether (DIPE)	103	101	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	107	103	77-125	4	0-9	
Tert-Amyl-Methyl Ether (TAME)	106	103	81-123	3	0-10	
Ethanol	96	96	44-152	0	0-24	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



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Ventura, CA 93001-2624

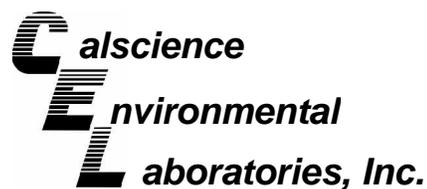
Date Received: N/A
Work Order No: 06-12-0521
Preparation: EPA 5035
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-459-67	Solid	GC/MS JJ	12/08/06	12/08/06	061208L02

<u>Parameter</u>	<u>LCS %REC</u>	<u>LCSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Benzene	92	92	85-115	1	0-11	
Carbon Tetrachloride	116	119	68-134	3	0-14	
Chlorobenzene	91	99	83-119	8	0-9	
1,2-Dichlorobenzene	92	96	57-135	5	0-10	
1,1-Dichloroethene	105	107	72-120	2	0-10	
Toluene	94	97	67-127	3	0-10	
Trichloroethene	108	109	88-112	1	0-9	
Vinyl Chloride	77	78	57-129	1	0-16	
Methyl-t-Butyl Ether (MTBE)	105	103	76-124	1	0-12	
Tert-Butyl Alcohol (TBA)	89	92	31-145	3	0-23	
Diisopropyl Ether (DIPE)	99	97	74-128	2	0-10	
Ethyl-t-Butyl Ether (ETBE)	103	102	77-125	1	0-9	
Tert-Amyl-Methyl Ether (TAME)	106	106	81-123	0	0-10	
Ethanol	97	97	44-152	0	0-24	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - LCS/LCS Duplicate



TN & Associates
Engineering & Science
317 East Main Street
Ventura, CA 93001-2624

Date Received: N/A
Work Order No: 06-12-0521
Preparation: EPA 5030B
Method: EPA 8260B

Project: PEMACO

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-19,842	Aqueous	GC/MS T	12/08/06	12/08/06	061208L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	107	107	84-120	1	0-8	
Carbon Tetrachloride	99	101	63-147	2	0-10	
Chlorobenzene	106	105	89-119	1	0-7	
1,2-Dichlorobenzene	104	106	89-119	2	0-9	
1,1-Dichloroethene	104	107	77-125	3	0-16	
Toluene	100	101	83-125	1	0-9	
Trichloroethene	102	103	89-119	1	0-8	
Vinyl Chloride	86	87	63-135	1	0-13	
Methyl-t-Butyl Ether (MTBE)	94	96	82-118	2	0-13	
Tert-Butyl Alcohol (TBA)	73	74	46-154	1	0-32	
Diisopropyl Ether (DIPE)	113	115	81-123	2	0-11	
Ethyl-t-Butyl Ether (ETBE)	92	94	74-122	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	88	90	76-124	2	0-10	
Ethanol	95	92	60-138	3	0-32	

RPD - Relative Percent Difference , CL - Control Limit

Work Order Number: 06-12-0521

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

